

August 6, 2025

Page 1 of 2

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

1987 Edition

Revision 13, dated August 6, 2025, applies to the Enstrom F-28/280 Series Illustrated Parts Catalog, 1987 Edition. Place this cover sheet behind the "Log of Revisions" sheet at the front of your manual after removing and inserting the pages listed below.

<u>Remove Pages</u>	<u>Insert Pages</u>	<u>Remove Pages</u>	<u>Insert Pages</u>
i through cxvi	i through cxx	5-13 through 5-14	5-13 through 5-14
3-11 through 3-16	3-11 through 3-16	5-17 through 5-20	5-17 through 5-20
3-19 through 3-20	3-19 through 3-20	5-27 through 5-28	5-27 through 5-28
3-27 through 3-28	3-27 through 3-28	5-31 through 5-32	5-31 through 5-32
3-31 through 3-34	3-31 through 3-34	6-19 through 6-20	6-19 through 6-20
3-41 through 3-43.1	3-41 through 3-43.1	7-15 through 7-18	7-15 through 7-18
3-53 through 3-54	3-53 through 3-54	7-23 through 7-24	7-23 through 7-24
3-57 through 3-58	3-57 through 3-58	7-31 through 7-34	7-31 through 7-34
3-71 through 3-85.1	3-71 through 3-85.1	7-47 through 7-48	7-47 through 7-48
3-87 through 3-88	3-87 through 3-88	7-51 through 7-60	7-51 through 7-60
3-91 through 95.1	3-91 through 95.1	7-69 through 7-70	7-69 through 7-70
3-103 through 3-108	3-103 through 3-108	7-83 through 7-84	7-83 through 7-84
3-113 through 3-114	3-113 through 3-114	7-89 through 7-90	7-89 through 7-90
3-123 through 3-126	3-123 through 3-126.2	7-93 through 7-100	7-93 through 7-100
4-3 through 4-10	4-3 through 4-10	7-105 through 7-106	7-105 through 7-106
4-11 through 4-12	4-11 through 4-12	8-2 through 8-2.3	8-2 through 8-2.3
5-1 through 5-8	5-1 through 5-8	8-5 through 8-5.1	8-5 through 8-5.1

(CONTINUED NEXT PAGE)

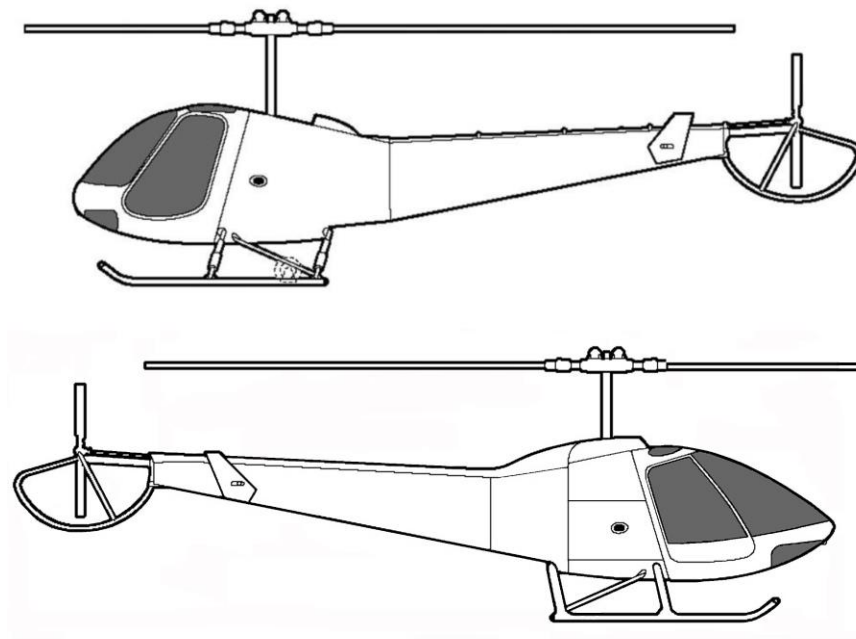
<u>Remove Pages</u>	<u>Insert Pages</u>	<u>Remove Pages</u>	<u>Insert Pages</u>
8-6 through 8-6.3	8-6 through 8-6.3	11-49 through 11-58	11-49 through 11-58
8-7 through 8-7.1	8-7 through 8-7.1	11-61 through 11-62	11-61 through 11-62
8-10 through 8-13	8-10 through 8-13	11-81 through 11-82	11-81 through 11-82
8-16 through 8-20.1	8-16 through 8-20.1	11-107 through 11-108	11-107 through 11-108
9-3 through 9-4	9-3 through 9-4.2	12-11 through 12-14	12-11 through 12-14
9-9 through 9-18	9-9 through 9-18	12-27 through 12-28	12-27 through 12-28
10-9 through 10-12	10-9 through 10-12	12-43 through 12-44	12-43 through 12-44
11-7 through 11-14	11-7 through 11-14	B-1 through B-22	B-1 through B-24

***** End of List *****



ENSTROM F-28/280 SERIES
ILLUSTRATED PARTS CATALOG
1987 EDITION

MODEL EFFECTIVITY:
F-28A, 280, F-28C, 280C, F-28F, 280F, AND 280FX



Download an electronic copy of this manual from the Technical Support page at
www.enstromhelicopter.com.

The Enstrom Helicopter Corporation
2209 22nd Street
Menominee, Michigan 49858-3515

Telephone: 906-863-1200
Fax: 906-863-6821

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

© 1987 Enstrom Helicopter Corporation

The information contained herein is proprietary to the Enstrom Helicopter Corporation and shall not be reproduced or disclosed in whole or in part for any purpose except when such user possesses direct, written authorization from the Enstrom Helicopter Corporation.

RECOMMENDED CHANGE REPORT

This Illustrated Parts Catalog (IPC) is prepared and distributed by The Enstrom Helicopter Corporation and is intended for use by personnel responsible for maintaining Enstrom F28A, 280, F28C, 280C, F28F, 280F, and 280FX helicopters. This manual is periodically revised. If, in the opinion of the user, any information has been omitted or requires clarification, please direct your comments to Enstrom via this form (duplicate of this page), the Enstrom Helicopter Corporation website, or other similar form.

To submit comments online via the Enstrom Helicopter Corporation website, navigate to the *SUPPORT* drop-down menu at the top of the webpage, select *MANUAL UPDATE REQUEST*, complete the fields, and click *SUBMIT*.

If viewing this page online, access to the form is provided in the following link:

[Manual Update Request - Enstrom Helicopter Corporation](#)

If corresponding by postal mail, mail the recommended changes to:

Technical Publications
The Enstrom Helicopter Corporation
2209 22nd Street
Menominee, MI 49858-3515

Manual Identification: Enstrom F-28/280 Series Illustrated Parts Catalog

Manual Date: 1987

Revision Number and Date: _____

Aircraft Model: _____

Recommended Change:

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
	Title Page	i
	Recommended Change Report	ii
	Table of Contents	iii
	Effective Page List	ix
	Part Number Index	xviii

SECTION 1 – INTRODUCTION

	Scope	1-2
	Introductory Information	1-2
	Detailed Parts List	1-3
	Appendices	1-4

SECTION 2 – PARTS ORDERING INFORMATION

	General	2-2
	Parts Orders	2-2
	Shipment	2-3
	Emergency Requirements	2-3
	Credit Terms	2-3

SECTION 3 – POWER PLANT

	Cover Page	3-1
	Table of Contents	3-1
3-1	Air Induction System (F-28A)	3-2
3-2	Air Induction System	3-4
3-3	Turbocharger Induction System	3-8
3-4	Fuel Nozzle Air Vent System	3-13
3-5	Engine Vent Installation	3-16
3-5A	Magneto Cooling Installation	3-18
3-6	Oil Cooler Installation (A Models)	3-21
3-7	Oil Cooler Installation (C, F Models)	3-24
3-8	Turbocharger Oil Lines	3-28
3-9	Oil Fill Tube Installation	3-31
3-10	Throttle and Mixture Control Installation (A, C Models)	3-34
3-11	Throttle Correlator Assembly (F Models)	3-40
3-12	Throttle Correlator Installation (F Models)	3-44
3-13	Dual Throttle Control Installation (F Models)	3-46
3-14	Throttle Cable Installation (F Models)	3-48
3-15	Mixture Cable Installation (F Models)	3-50
3-16	Fire Curtain Assembly (All Models)	3-53
3-17	Fire Curtain Installation (All Models)	3-55
3-18	Engine Fan Shroud Assembly (A Models)	3-59
3-19	Engine Fan Shroud Assembly (C Models)	3-63
3-20/A/B	Engine Fan Shroud Assembly (C, F Models)	3-66
3-21	Cooling Fan and Alternator Installation	3-96

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
3-22	Engine Fuel System (A Models)	3-98
3-23	Engine Fuel System (C, F Models)	3-103
3-24	Main Fuel System	3-108
3-25	Fuel Level Sending Unit	3-115
3-26	Fuel Shutoff Valve Assembly	3-117
3-27	Exhaust System Installation (A Models)	3-120
3-28	Exhaust System Installation (C, F Models)	3-122
3-29	Turbocharger Mount Installation	3-127
3-30	Engine Mount Assembly	3-130
3-31	Engine Components	3-132

SECTION 4 – MAIN ROTOR SYSTEM

	Cover Page	4-1
	Table of Contents	4-1
4-1	Main Rotor Hub Assembly	4-2
4-2	Main Rotor Blade and Retention Assembly	4-6
4-2.1	Retention Assembly (STC SR03465CH)	4-10.1
4-3	Flapping Pin and Damper Installation	4-11
4-4	Hydraulic Damper Assembly (28-14375-101)	4-13

SECTION 5 – BELT DRIVE ASSEMBLY

	Cover Page	5-1
	Table of Contents	5-1
5-1	Belt Tension Assembly and Installation	5-2
5-2	Spring Housing Assembly	5-7
5-3	Idler Pulley and Support Assembly	5-9
5-4	Jack Strut and Pulley Assembly	5-15
5-5	Main Drive Engagement Control System	5-21
5-6	Main Rotor Gearbox Installation	5-25
5-7	Main Rotor Transmission Seal Retainer Assembly	5-30

SECTION 6 – ELECTRICAL SYSTEM

	Cover Page	6-1
	Table of Contents	6-1
6-1	Electrical Components (F-28A, 280)	6-2
6-2	Electrical Panels	6-5
6-3	12 Volt Battery Over-Current Breaker Installation	6-9
6-4	Landing Light and Anti-Collision Light (F-28A)	6-11
6-5	Night Lighting Kit (280 Models)	6-18
6-6	Strobe and Position Light Installation (C, F Models)	6-22
6-7	Forward Landing Light Installation (F-28C, F-28F)	6-28
6-8	Forward Landing Light Installation (280 Series)	6-31
6-9	Battery Installation (F-28A, 280)	6-33
6-10	12 Volt Battery Installation (C, F, FX Models)	6-35
6-11	Annunciator Systems Installation	6-37
6-12	Fuse Panel (F-28F, 280FX)	6-41

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
6-13	24 Volt Battery Installation (All Models)	6-43
6-14	Trim Relay Installation 24 Volt (F-28F, 280FX)	6-48

SECTION 7 – STRUCTURES

	Cover Page	7-1
	Table of Contents	7-1
7-1	Windows, Doors and Compartment Enclosures (F-28A, F-28C, F-28F)	7-3
7-2	Window Installation (F-28A, F-28C, F-28F)	7-13
7-3	Sliding Window Vent Installation (F-28F, 280FX)	7-15
7-4	Door Assembly and Installation (F-28F S/N 745 & Sub)	7-19
7-5	Windows, Doors, and Compartment Enclosures (280, 280C, 280F, 280FX)	7-27
7-6	280FX Cabin Doors Assembly/Installation	7-37
7-7	280FX Cabin Closeout Installation	7-43
7-8	Cowling (F-28A, F-28C)	7-45
7-9	Cowling (280, 280C)	7-49
7-10	Cowling (F-28F, 280FX)	7-53
7-11	Engine Compartment Enclosures	7-61
7-12	Three-Piece Airscoop	7-65
7-13	Cabin Installation and Pylon and Tailcone Assembly	7-67
7-14	Tailcone Bulkhead and Skin Enclosures	7-71
7-15	Stabilizer and Tailcone Extension (F-28A, F-28C, F-28F)	7-75
7-16	Stabilizer and Tailcone Extension (280, 280C, 280F)	7-79
7-17	Stabilizer and Tailcone Extension (F-28F, 280FX)	7-83
7-18	Tail Rotor Drive Shaft Cover	7-87
7-19	Pylon Assembly to Landing Gear	7-91
7-20	Landing Gear Assembly	7-93
7-21	Oleo Strut Assembly	7-101
7-22	Landing Gear Fairings	7-105

SECTION 8 – FLIGHT CONTROLS

	Cover Page	8-1
	Table of Contents	8-1
8-1	Lower Swashplate Assembly	8-2
8-2	Lower Swashplate Installation	8-3
8-3	Lower Swashplate Control Rod Attachment	8-5
8-3A	Upper Swashplate Assembly & Control Attachment	8-6
8-4	Main Rotor Pitch Change Controls	8-7
8-5	Cyclic Control Assembly	8-8
8-5A	Cyclic Control Stick Assembly	8-18
8-6	Trim Spring Mechanical Installation	8-21
8-6A	Lateral and Longitudinal Bias Spring Installation	8-23
8-7	Lateral Trim With Bias Spring Installation	8-25
8-8	Trim Actuator Capsule Installation	8-27
8-9	Lateral Trim Assembly	8-29
8-10	Longitudinal Trim Assembly	8-32
8-11	Collective Trim, Spring Capsule	8-35
8-12	Co-Pilots Collective Assembly (F-28A, 280, F-28C, 280C)	8-37

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
8-13	Pilots Collective Assembly (F-28A, 280, F-28C, 280C)	8-39
8-14	Co-Pilot Collective Assembly (F-28F, 280F, 280FX)	8-41
8-15	Pilot Collective Assembly (F-28F, 280F, 280FX)	8-45
8-16	Collective Stick Elect/Mech Assembly, Right Hand (F-28F, 280F, 280FX)	8-49
8-17	Collective Stick Elect/Mech Assembly, Left Hand (F-28F, 280F, 280FX)	8-53
8-18	Collective Control System Torque Shaft Assembly (F-28A, 280)	8-57
8-19	Collective Control System Torque Shaft Assembly (F-28A, 280, F-28C, 280C)	8-61
8-20	Collective Control Reversing Bellcrank, Push-Pull Rod Attachment, and Bellcrank Pivot	8-63
8-21	Collective Stick Friction Control	8-69

SECTION 9 – FURNISHINGS

	Cover Page	9-1
	Table of Contents	9-1
9-1	Cabin Seat Assembly	9-2
9-2	Cabin Furnishings (Non-Production Models)	9-5
9-3	Cabin Furnishings and Fire Extinguisher	9-8
9-4	280F/FX Cabin Furnishings	9-13
9-5	Cabin Furnishings – Passenger Restraint System	9-18

SECTION 10 – UTILITY SYSTEMS

	Cover Page	10-1
	Table of Contents	10-1
10-1	Cabin Heating Installation (F-28A)	10-2
10-2	Cabin Heating Installation (280)	10-4
10-3	Cabin Heating Installation (F-28C, 280C)	10-7
10-4	Cabin Heating Installation (Current Production)	10-10

SECTION 11 – INSTRUMENTS

	Cover Page	11-1
	Table of Contents	11-1
11-1	Early F-28A Instrument Panels	11-2
11-2	F-28C Instrument Panel Installation	11-6
11-3	280C and 280F Instrument Panel Installation	11-10
11-4	280 Instrument Panel Installation	11-15
11-5	F-28F and 280FX Instrument Panel Installation (12V)	11-19
11-6	F-28F and 280FX Instrument Panel Installation (24V)	11-26
11-7	F-28F Instrument Panel Installation (24V) (F-28F S/N 833 and Subsequent)	11-31
11-8	280FX Instruments and Instrument Panel (280FX S/N 2166 and Prior)	11-40
11-9	280FX Instruments and Instrument Panel (280FX S/N 2167 and Subsequent)	11-50
11-10	F-28A and 280 Instrument Line Pylon Location	11-58
11-11	Pitot Static System Installation	11-60
11-12	Instrument Lines Cabin and Panel	11-63
11-13	F-28A and 280 Instrument Lines Cabin and Panel	11-65

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
11-14	Instrument Line Installation	11-67
11-15	Instrument/System Line Installation	11-70
11-16	Turbine Inlet Temperature Indicator Installation	11-75
11-17	Graphic Engine Monitor	11-77
11-18	Mechanical Tachometer Drive Installation	11-80
11-19	EDM-700-4C Installation	11-83
11-20	Placard Bracket Installation	11-90
11-21	Placard Installation	11-94
11-22	280FX SIRS Compass Installation	11-113

SECTION 12 – TAIL ROTOR SYSTEM

	Cover Page	12-1
	Table of Contents	12-1
12-1	Tail Rotor Transmission Assembly	12-3
12-2	Flex Coupling Installation	12-7
12-3	Tail Rotor Hanger Bearing Installation	12-11
12-4	Rotor Tachometer Assembly	12-13
12-5	Tail Rotor Blade Control Installation	12-17
12-6	Tail Rotor Pitch Link Assembly	12-29
12-7	Tail Rotor Mechanical Controls (Right Hand Gearbox)	12-33
12-8	Tail Rotor Mechanical Controls (Left Hand Gearbox)	12-37
12-9	28-15018-3 Tail Rotor Assembly	12-41
12-10	28-150000-7, -10 Tail Rotor Assembly	12-45
12-11	28-150050-2 Tail Rotor Assembly	12-49
12-12	28-150073-1, -5 Tail Rotor Assembly – Obsolete	12-53
12-13	28-150079-1, -5 Tail Rotor Assembly	12-57

SECTION 13 – SHIMS

	Cover Page	13-1
	Table of Contents	13-1
13-1	Index of Enstrom Helicopter Shims	13-2

APPENDIX A – EQUIVALENT PARTS

	Introduction	A-3
	Equivalent Parts Tables	A-3

APPENDIX B – STANDARD HARDWARE SUBSTITUTIONS

	Cover Page	B-1
	Table of Contents	B-1
	Introduction	B-3
	Acceptable Substitution Conditions	B-3
	Hardware Tables	B-3
	<i>Table A – Bolts</i>	B-4
	<i>Table B – Screws</i>	B-6
	<i>Table C – Nuts</i>	B-8

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
	<i>Table D – Nut Plates</i>	B-9
	<i>Table E – Solid Rivets</i>	B-11
	<i>Table F – Blind Rivets</i>	B-11
	<i>Table G – Washers</i>	B-12
	<i>Table H – Rivnuts</i>	B-13
	<i>Table I – Turnbuckles</i>	B-14
	<i>Table J – Grommets</i>	B-14
	<i>Table K – Cotter Pins</i>	B-14
	<i>Table L – Clamps (Nylon)</i>	B-15
	<i>Table M – Cable Ties</i>	B-15
	<i>Table N – U-Channel (Rubber)</i>	B-16
	<i>Table O – Shrink Tubing</i>	B-16
	<i>Table P – Ring Tongue Terminals</i>	B-17
	<i>Table Q – Retaining Rings</i>	B-19
	<i>Table R – Cushioned Clamps</i>	B-19
	<i>Table S – Plusnuts</i>	B-19
	<i>Table T – Solder Sleeve Shield Terminator</i>	B-19
	<i>Table U – Plug, Pipe – Countersink Hex Head</i>	B-19
	<i>Table V – Clip Nut</i>	B-19
	<i>Table W – Plug and Bleeder – Screw Thread</i>	B-19
	<i>Table X – Pin, Retaining, Safety</i>	B-19
	<i>Table Y – Quarter Turn Fastener</i>	B-19
	<i>Table Z – Quick Disconnect Terminal</i>	B-19
	<i>Table AA – Plug (BNC, TNC, N)</i>	B-20
	<i>Table AB – Roll Pin</i>	B-20
	<i>Table AC – Sleeve, Coupling</i>	B-20
	<i>Table AD – Clevis Pin</i>	B-20
	<i>Table AE – Quarter (1/4) Turn Fastener Receptacle</i>	B-20
	<i>Table AF – Sleeve, Flared Tube Fitting</i>	B-20
	<i>Table AG – 3.5 mm Phone Jack</i>	B-20
	<i>Table AH – Grease Fitting</i>	B-20
	<i>Table AI – Washers, Extended AN960 Listing</i>	B-21

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
i	No Date	I	Aug 6/25
ii	Aug 6/25	li	Aug 6/25
iii	Apr 16/24	lii	Aug 6/25
iv	Aug 6/25	liii	Aug 6/25
v	Aug 6/25	liv	Aug 6/25
vi	Aug 29/24	lv	Aug 6/25
vii	Aug 6/25	lvi	Aug 6/25
viii	Aug 6/25	lvii	Aug 6/25
ix	Aug 6/25	lviii	Aug 6/25
x	Aug 6/25	lix	Aug 6/25
xi	Aug 6/25	lx	Aug 6/25
xii	Aug 6/25	lxi	Aug 6/25
xiii	Aug 6/25	lxii	Aug 6/25
xiv	Aug 6/25	lxiii	Aug 6/25
xv	Aug 6/25	lxiv	Aug 6/25
xvi	Aug 6/25	lxv	Aug 6/25
xvii	Aug 6/25	lxvi	Aug 6/25
xviii	Aug 6/25	lxvii	Aug 6/25
xix	Aug 6/25	lxviii	Aug 6/25
xx	Aug 6/25	lxix	Aug 6/25
xxi	Aug 6/25	lxx	Aug 6/25
xxii	Aug 6/25	lxxi	Aug 6/25
xxiii	Aug 6/25	lxxii	Aug 6/25
xxiv	Aug 6/25	lxxiii	Aug 6/25
xxv	Aug 6/25	lxxiv	Aug 6/25
xxvi	Aug 6/25	lxxv	Aug 6/25
xxvii	Aug 6/25	lxxvi	Aug 6/25
xxviii	Aug 6/25	lxxvii	Aug 6/25
xxix	Aug 6/25	lxxviii	Aug 6/25
xxx	Aug 6/25	lxxix	Aug 6/25
xxxi	Aug 6/25	lxxx	Aug 6/25
xxxii	Aug 6/25	lxxxi	Aug 6/25
xxxiii	Aug 6/25	lxxxii	Aug 6/25
xxxiv	Aug 6/25	lxxxiii	Aug 6/25
xxxv	Aug 6/25	lxxxiv	Aug 6/25
xxxvi	Aug 6/25	lxxxv	Aug 6/25
xxxvii	Aug 6/25	lxxxvi	Aug 6/25
xxxviii	Aug 6/25	lxxxvii	Aug 6/25
xxxix	Aug 6/25	lxxxviii	Aug 6/25
xl	Aug 6/25	lxxxix	Aug 6/25
xli	Aug 6/25	xc	Aug 6/25
xlII	Aug 6/25	xcI	Aug 6/25
xlIII	Aug 6/25	xcII	Aug 6/25
xlIV	Aug 6/25	xcIII	Aug 6/25
xlV	Aug 6/25	xcIV	Aug 6/25
xlVI	Aug 6/25	xcV	Aug 6/25
xlVII	Aug 6/25	xcVI	Aug 6/25
xlVIII	Aug 6/25	xcVII	Aug 6/25
xlIX	Aug 6/25		

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
xcviii	Aug 6/25	3-20	Aug 6/25
xcix	Aug 6/25	3-21	Apr 22/19
c	Aug 6/25	3-22	Apr 22/19
ci	Aug 6/25	3-23	Apr 22/19
cii	Aug 6/25	3-24	Apr 22/19
ciii	Aug 6/25	3-25	Aug 29/24
civ	Aug 6/25	3-26	Aug 29/24
cv	Aug 6/25	3-27	Aug 6/25
cvi	Aug 6/25	3-28	Apr 22/19
cvii	Aug 6/25	3-29	Feb 27/23
cviii	Aug 6/25	3-30	Feb 27/23
cix	Aug 6/25	3-31	Apr 22/19
cx	Aug 6/25	3-32	Aug 6/25
cxI	Aug 6/25	3-33	Aug 6/25
cxii	Aug 6/25	3-34	Aug 29/24
cxiii	Aug 6/25	3-35	Apr 22/19
cxiv	Aug 6/25	3-36	Apr 22/19
cxv	Aug 6/25	3-37	Apr 22/19
cxvi	Aug 6/25	3-38	Aug 29/24
cxvii	Aug 6/25	3-39	Apr 22/19
cxviii	Aug 6/25	3-40	Apr 22/19
1-1	Apr 22/19	3-41	Nov 8/23
1-2	Feb 27/23	3-42	Aug 6/25
1-3	Apr 22/19	3-43	Aug 6/25
1-4	Apr 22/19	3-43.1	Aug 6/25
2-1	Apr 22/19	3-43.2	Nov 8/23
2-2	Apr 22/19	3-44	Apr 22/19
2-3	Apr 22/19	3-45	Apr 22/19
2-4	Apr 22/19	3-46	Apr 22/19
3-1	Apr 16/24	3-47	Apr 22/19
3-2	Apr 22/19	3-48	Apr 22/19
3-3	Apr 22/19	3-49	Apr 22/19
3-4	Apr 22/19	3-50	Apr 22/19
3-5	Apr 22/19	3-51	Apr 22/19
3-6	Apr 22/19	3-52	Apr 22/19
3-7	Feb 27/23	3-53	Apr 22/19
3-8	Feb 27/23	3-54	Aug 6/25
3-9	Apr 22/19	3-55	Apr 22/19
3-10	Feb 27/23	3-56	Apr 22/19
3-11	Aug 6/25	3-57	Aug 6/25
3-12	Aug 6/25	3-58	Aug 6/25
3-13	Aug 6/25	3-59	Apr 22/19
3-14	Aug 6/25	3-60	Apr 22/19
3-15	Aug 6/25	3-61	Apr 22/19
3-16	Apr 22/19	3-62	Apr 22/19
3-17	Apr 16/24	3-63	Apr 22/19
3-18	Apr 16/24	3-64	Apr 22/19
3-19	Aug 6/25	3-65	Apr 22/19
		3-66	Apr 22/19

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
3-67	Apr 22/19	3-110	Feb 27/23
3-68	Feb 27/23	3-111	Feb 27/23
3-69	Apr 22/19	3-112	Feb 27/23
3-70	Feb 27/23	3-113	Feb 27/23
3-71	Aug 6/25	3-114	Aug 6/25
3-72	Aug 6/25	3-115	Apr 22/19
3-73	Aug 6/25	3-116	Apr 22/19
3-74	Aug 6/25	3-117	Apr 22/19
3-75	Aug 6/25	3-118	Apr 16/24
3-76	Aug 6/25	3-119	Apr 16/24
3-77	Aug 6/25	3-120	Apr 22/19
3-77.1	Aug 6/25	3-121	Apr 22/19
3-77.2	Aug 6/25	3-122	Apr 22/19
3-78	Aug 6/25	3-123	Aug 6/25
3-79	Aug 6/25	3-124	Aug 6/25
3-80	Apr 22/19	3-125	Aug 6/25
3-81	Feb 27/23	3-126	Aug 6/25
3-82	Aug 6/25	3-126.1	Aug 6/25
3-83	Aug 6/25	3-126.2	Aug 6/25
3-84	Aug 6/25	3-127	Apr 22/19
3-85	Aug 6/25	3-128	Apr 22/19
3-85.1	Aug 6/25	3-129	Apr 22/19
3-85.2	Feb 27/23	3-130	Apr 22/19
3-86	Feb 27/23	3-131	Apr 22/19
3-87	Apr 22/19	3-132	Aug 21/19
3-88	Aug 6/25	3-133	Aug 21/19
3-89	Apr 22/19	3-134	Aug 21/19
3-90	Apr 22/19	4-1	Feb 27/23
3-91	Aug 6/25	4-2	Apr 22/19
3-92	Aug 6/25	4-3	Apr 22/19
3-93	Aug 6/25	4-4	Aug 6/25
3-94	Aug 6/25	4-5	Aug 6/25
3-95	Aug 6/25	4-5.1	Aug 6/25
3-95.1	Aug 6/25	4-5.2	Aug 6/25
3-95.2	Feb 27/23	4-6	Feb 27/23
3-96	Apr 22/19	4-7	Aug 21/19
3-97	Apr 22/19	4-8	Aug 6/25
3-98	Apr 22/19	4-9	Aug 6/25
3-99	Feb 27/23	4-10	Aug 6/25
3-100	Feb 27/23	4-10.1	Feb 27/23
3-101	Feb 27/23	4-10.2	Feb 27/23
3-102	Apr 22/19	4-11	Aug 21/19
3-103	Aug 6/25	4-12	Aug 6/25
3-104	Aug 6/25	4-13	Aug 21/19
3-105	Aug 6/25	4-14	May 17/23
3-106	Aug 6/25	4-15	Aug 21/19
3-107	Aug 6/25	4-16	Aug 21/19
3-108	Apr 22/19	5-1	Feb 27/23
3-109	Apr 22/19	5-2	Aug 6/25

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
5-3	Aug 6/25	6-14	Apr 22/19
5-4	Aug 6/25	6-15	Apr 22/19
5-5	Aug 6/25	6-16	Apr 22/19
5-6	Aug 6/25	6-17	Apr 22/19
5-6.1	Aug 6/25	6-18	Feb 27/23
5-6.2	Aug 6/25	6-19	Feb 27/23
5-7	Apr 22/19	6-20	Aug 6/25
5-8	Aug 6/25	6-21	Feb 27/23
5-9	Apr 22/19	6-21.1	Feb 27/23
5-10	Apr 22/19	6-21.2	Feb 27/23
5-11	Apr 22/19	6-22	Apr 22/19
5-12	Apr 22/19	6-23	Apr 22/19
5-13	Aug 6/25	6-24	Apr 22/19
5-14	Aug 6/25	6-25	Apr 22/19
5-15	Apr 22/19	6-26	Apr 22/19
5-16	Apr 22/19	6-27	Apr 22/19
5-17	Aug 6/25	6-28	Apr 22/19
5-18	Aug 6/25	6-29	Apr 22/19
5-19	Aug 6/25	6-30	Apr 22/19
5-20	Aug 6/25	6-31	Apr 22/19
5-21	Aug 29/24	6-32	Feb 27/23
5-22	Apr 22/19	6-33	Apr 22/19
5-23	Feb 27/23	6-34	Apr 22/19
5-24	Aug 29/24	6-35	Apr 22/19
5-24.1	Aug 29/24	6-36	May 17/23
5-24.2	Aug 29/24	6-37	Apr 22/19
5-25	Feb 27/23	6-38	Apr 22/19
5-25.1	Feb 27/23	6-39	Apr 22/19
5-25.2	Aug 29/24	6-40	Apr 22/19
5-26	Aug 29/24	6-41	Apr 22/19
5-27	Aug 29/24	6-42	Aug 29/24
5-28	Aug 6/25	6-43	Aug 29/24
5-29	Aug 29/24	6-44	Aug 29/24
5-30	Feb 27/23	6-45	Aug 29/24
5-31	Aug 6/25	6-46	Aug 29/24
5-32	Feb 27/23	6-47	Aug 29/24
6-1	Apr 22/19	6-48	Apr 22/19
6-2	Apr 22/19	6-49	Apr 22/19
6-3	Apr 22/19	6-50	Apr 22/19
6-4	Apr 22/19	7-1	Apr 16/24
6-5	Apr 22/19	7-2	Apr 16/24
6-6	Apr 22/19	7-3	Apr 16/24
6-7	Apr 22/19	7-4	Apr 16/24
6-8	Apr 22/19	7-5	Apr 16/24
6-9	Apr 22/19	7-6	Apr 16/24
6-10	Apr 22/19	7-7	Apr 16/24
6-11	Apr 22/19	7-8	Apr 16/24
6-12	Apr 22/19	7-9	Aug 29/24
6-13	Apr 22/19	7-10	Aug 29/24

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
7-11	Aug 29/24	7-60	Aug 6/25
7-12	Aug 29/24	7-61	Apr 16/24
7-13	Apr 16/24	7-62	Apr 16/24
7-14	Apr 16/24	7-63	Apr 16/24
7-15	Aug 6/25	7-64	Apr 16/24
7-16	Aug 6/25	7-65	Apr 16/24
7-17	Aug 6/25	7-66	Apr 16/24
7-18	Apr 16/24	7-67	Apr 16/24
7-19	Apr 16/24	7-68	Apr 16/24
7-20	Apr 16/24	7-69	Aug 6/25
7-21	Apr 16/24	7-70	Apr 16/24
7-22	Apr 16/24	7-71	Apr 16/24
7-23	Aug 6/25	7-72	Apr 16/24
7-24	Apr 16/24	7-73	Apr 16/24
7-25	Apr 16/24	7-74	Apr 16/24
7-26	Apr 16/24	7-75	Apr 16/24
7-27	Apr 16/24	7-76	Apr 16/24
7-28	Apr 16/24	7-77	Apr 16/24
7-29	Apr 16/24	7-78	Apr 16/24
7-30	Apr 16/24	7-79	Apr 16/24
7-31	Aug 6/25	7-80	Apr 16/24
7-32	Aug 6/25	7-81	Apr 16/24
7-33	Aug 6/25	7-82	Apr 16/24
7-34	Aug 6/25	7-83	Apr 16/24
7-35	Apr 16/24	7-84	Aug 6/25
7-36	Apr 16/24	7-85	Apr 16/24
7-37	Apr 16/24	7-86	Apr 16/24
7-38	Apr 16/24	7-87	Apr 16/24
7-39	Apr 16/24	7-88	Apr 16/24
7-40	Apr 16/24	7-89	Aug 6/25
7-41	Apr 16/24	7-90	Apr 16/24
7-42	Apr 16/24	7-91	Apr 16/24
7-43	Apr 16/24	7-92	Apr 16/24
7-44	Apr 16/24	7-93	Aug 6/25
7-45	Apr 16/24	7-94	Apr 16/24
7-46	Apr 16/24	7-95	Apr 16/24
7-47	Aug 6/25	7-96	Aug 6/25
7-48	Apr 16/24	7-97	Aug 6/25
7-49	Apr 16/24	7-98	Aug 6/25
7-50	Apr 16/24	7-99	Aug 6/25
7-51	Aug 6/25	7-100	Aug 6/25
7-52	Aug 29/24	7-101	Apr 16/24
7-53	Aug 6/25	7-102	Aug 29/24
7-54	Aug 6/25	7-103	Aug 29/24
7-55	Aug 29/24	7-104	Apr 16/24
7-56	Aug 6/25	7-105	Apr 16/24
7-57	Aug 6/25	7-106	Aug 6/25
7-58	Aug 6/25	7-107	Apr 16/24
7-59	Aug 6/25	7-108	Apr 16/24

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
8-1	Aug 29/24	8-30	Nov 8/23
8-1.1	Nov 8/23	8-31	Nov 8/23
8-2	Aug 6/25	8-31.1	Nov 8/23
8-2.1	Aug 6/25	8-31.2	Nov 8/23
8-2.2	Aug 6/25	8-31.3	Nov 8/23
8-2.3	May 17/23	8-32	Nov 8/23
8-3	Aug 29/24	8-33	Nov 8/23
8-4	Aug 29/24	8-34	Nov 8/23
8-5	May 17/23	8-34.1	Nov 8/23
8-5.1	Aug 6/25	8-34.2	Nov 8/23
8-5.2	May 17/23	8-34.3	Nov 8/23
8-5.3	May 17/23	8-35	May 17/23
8-6	May 17/23	8-36	Feb 27/23
8-6.1	Aug 6/25	8-36.1	Feb 27/23
8-6.2	Aug 6/25	8-36.2	Feb 27/23
8-6.3	May 17/23	8-37	Aug 29/24
8-6.4	May 17/23	8-38	Aug 29/24
8-6.5	May 17/23	8-39	Aug 29/24
8-7	May 17/23	8-40	Aug 29/24
8-7.1	Aug 6/25	8-41	Aug 29/24
8-7.2	May 17/23	8-42	Aug 29/24
8-7.3	May 17/23	8-43	Aug 29/24
8-8	May 17/23	8-44	Aug 29/24
8-9	May 17/23	8-45	Aug 29/24
8-10	May 17/23	8-46	Aug 29/24
8-11	Aug 6/25	8-47	Aug 29/24
8-12	Aug 6/25	8-48	Aug 29/24
8-13	May 17/23	8-49	Aug 29/24
8-14	May 17/23	8-50	Aug 29/24
8-15	May 17/23	8-51	Aug 29/24
8-16	Aug 6/25	8-52	Aug 29/24
8-17	May 17/23	8-53	Aug 29/24
8-18	May 17/23	8-54	Aug 29/24
8-19	Aug 6/25	8-55	Aug 29/24
8-20	Aug 6/25	8-56	Aug 29/24
8-20.1	May 17/23	8-57	Aug 29/24
8-21	Nov 8/23	8-58	Aug 29/24
8-22	Nov 8/23	8-59	Aug 29/24
8-23	Nov 8/23	8-60	Aug 29/24
8-24	Nov 8/23	8-61	Aug 29/24
8-24.1	Nov 8/23	8-62	Aug 29/24
8-24.2	Nov 8/23	8-63	Aug 29/24
8-25	Nov 8/23	8-64	Aug 29/24
8-26	Nov 8/23	8-65	Aug 29/24
8-27	Nov 8/23	8-66	Aug 29/24
8-28	Nov 8/23	8-67	Aug 29/24
8-28.1	Nov 8/23	8-68	Aug 29/24
8-28.2	Nov 8/23	8-69	Aug 29/24
8-29	Nov 8/23	8-70	Aug 29/24

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
9-1	Apr 22/19	11-7	Aug 6/25
9-2	Apr 22/19	11-8	Aug 6/25
9-3	Aug 6/25	11-9	Aug 6/25
9-4	Aug 6/25	11-10	Nov 8/23
9-4.1	Aug 6/25	11-11	Aug 6/25
9-4.2	Aug 6/25	11-12	Aug 6/25
9-5	Apr 22/19	11-13	Aug 6/25
9-6	Apr 22/19	11-14	Nov 8/23
9-7	Apr 22/19	11-15	Nov 8/23
9-8	Apr 22/19	11-16	Nov 8/23
9-9	Apr 22/19	11-17	Nov 8/23
9-10	Aug 6/25	11-18	Nov 8/23
9-11	Aug 6/25	11-19	Nov 8/23
9-12	Aug 6/25	11-20	Nov 8/23
9-12.1	Aug 6/25	11-21	Nov 8/23
9-12.2	Aug 6/25	11-22	Nov 8/23
9-13	Apr 22/19	11-23	Nov 8/23
9-14	Aug 6/25	11-24	Nov 8/23
9-15	Aug 6/25	11-25	Nov 8/23
9-16	Aug 6/25	11-26	Nov 8/23
9-17	Aug 6/25	11-27	Nov 8/23
9-17.1	Aug 6/25	11-28	Nov 8/23
9-17.2	Aug 6/25	11-29	Nov 8/23
9-18	Apr 22/19	11-30	Nov 8/23
9-19	Apr 22/19	11-31	Nov 8/23
9-20	Apr 22/19	11-32	Nov 8/23
9-21	Apr 22/19	11-33	Nov 8/23
9-22	Apr 22/19	11-34	Nov 8/23
10-1	Apr 22/19	11-35	Nov 8/23
10-2	Apr 22/19	11-36	Nov 8/23
10-3	Apr 22/19	11-37	Nov 8/23
10-4	Apr 22/19	11-38	Nov 8/23
10-5	Apr 22/19	11-39	Nov 8/23
10-6	Apr 22/19	11-40	Nov 8/23
10-7	Apr 22/19	11-41	Nov 8/23
10-8	Apr 22/19	11-42	Nov 8/23
10-9	Apr 22/19	11-43	Nov 8/23
10-10	Aug 6/25	11-44	Nov 8/23
10-11	Aug 6/25	11-45	Nov 8/23
10-12	Aug 6/25	11-46	Nov 8/23
10-13	Apr 22/19	11-47	Nov 8/23
10-14	Apr 22/19	11-48	Nov 8/23
11-0	Nov 8/23	11-49	Aug 6/25
11-1	Aug 29/24	11-50	Nov 8/23
11-2	Nov 8/23	11-51	Nov 8/23
11-3	Nov 8/23	11-52	Aug 6/25
11-4	Nov 8/23	11-53	Nov 8/23
11-5	Nov 8/23	11-54	Aug 6/25
11-6	Nov 8/23	11-55	Aug 6/25

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
11-56	Aug 6/25	11-103	Nov 8/23
11-57	Aug 6/25	11-104	Nov 8/23
11-57.1	Aug 6/25	11-105	Nov 8/23
11-57.2	Aug 6/25	11-106	Nov 8/23
11-58	Nov 8/23	11-107	Aug 6/25
11-59	Aug 29/24	11-108	Nov 8/23
11-60	Nov 8/23	11-109	Nov 8/23
11-61	Aug 6/25	11-110	Nov 8/23
11-62	Aug 6/25	11-111	Nov 8/23
11-63	Nov 8/23	11-112	Nov 8/23
11-64	Nov 8/23	11-113	Aug 29/24
11-65	Nov 8/23	11-114	Aug 29/24
11-66	Nov 8/23	12-1	Aug 29/24
11-67	Nov 8/23	12-2	Apr 16/24
11-68	Nov 8/23	12-3	Apr 16/24
11-69	Nov 8/23	12-4	Apr 16/24
11-70	Aug 29/24	12-5	Apr 16/24
11-71	Aug 29/24	12-6	Apr 16/24
11-72	Nov 8/23	12-7	Apr 16/24
11-73	Aug 29/24	12-8	Apr 16/24
11-74	Nov 8/23	12-9	Apr 16/24
11-75	Nov 8/23	12-10	Apr 16/24
11-76	Nov 8/23	12-11	Apr 16/24
11-77	Nov 8/23	12-12	Aug 6/25
11-78	Nov 8/23	12-13	Apr 16/24
11-79	Nov 8/23	12-14	Aug 6/25
11-80	Nov 8/23	12-15	Apr 16/24
11-81	Aug 6/25	12-16	Apr 16/24
11-82	Nov 8/23	12-17	Apr 16/24
11-83	Nov 8/23	12-18	Apr 16/24
11-84	Nov 8/23	12-19	Apr 16/24
11-85	Nov 8/23	12-20	Apr 16/24
11-86	Nov 8/23	12-21	Apr 16/24
11-87	Nov 8/23	12-22	Apr 16/24
11-88	Nov 8/23	12-23	Apr 16/24
11-89	Nov 8/23	12-24	Apr 16/24
11-90	Nov 8/23	12-25	Aug 29/24
11-91	Nov 8/23	12-26	Aug 29/24
11-92	Nov 8/23	12-27	Aug 6/25
11-93	Nov 8/23	12-28	Aug 29/24
11-94	Nov 8/23	12-29	Apr 16/24
11-95	Nov 8/23	12-30	Apr 16/24
11-96	Nov 8/23	12-31	Aug 29/24
11-97	Nov 8/23	12-32	Apr 16/24
11-98	Nov 8/23	12-33	Apr 16/24
11-99	Nov 8/23	12-34	Apr 16/24
11-100	Nov 8/23	12-35	Apr 16/24
11-101	Nov 8/23	12-36	Apr 16/24
11-102	Nov 8/23	12-37	Apr 16/24

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
12-38	Apr 16/24	A-4	Feb 27/23
12-39	Apr 16/24	A-5	Mar 24/17
12-40	Apr 16/24	A-6	Mar 24/17
12-41	Apr 16/24	B-1	Aug 6/25
12-42	Apr 16/24	B-2	Aug 6/25
12-43	Aug 6/25	B-3	Aug 6/25
12-44	Apr 16/24	B-4	Aug 6/25
12-45	Apr 16/24	B-5	Aug 6/25
12-46	Apr 16/24	B-6	Aug 6/25
12-47	Apr 16/24	B-7	Aug 6/25
12-48	Apr 16/24	B-8	Aug 6/25
12-49	Apr 16/24	B-9	Aug 6/25
12-50	Apr 16/24	B-10	Aug 6/25
12-51	Apr 16/24	B-11	Aug 6/25
12-52	Apr 16/24	B-12	Aug 6/25
12-53	Aug 29/24	B-13	Aug 6/25
12-54	Aug 29/24	B-14	Aug 6/25
12-55	Aug 29/24	B-15	Aug 6/25
12-56	Apr 16/24	B-16	Aug 6/25
12-57	Apr 16/24	B-17	Aug 6/25
12-58	Apr 16/24	B-18	Aug 6/25
12-59	Apr 16/24	B-19	Aug 6/25
12-60	Apr 16/24	B-20	Aug 6/25
13-1	Apr 22/19	B-21	Aug 6/25
13-2	Apr 22/19	B-22	Aug 6/25
A-1	Sep 30/13	B-23	Aug 6/25
A-2	Sep 30/13	B-24	Aug 6/25
A-3	Mar 24/17		

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
#1357	12-5	—	02A21376	3-23	650
#4016	7-2	140	02A21376	3-4	235
#4316	7-9	430	02A22619	3-8	190
#8x1/2	7-8	190	037360-004	3-28	—
00-15073-01	3-30	30A	037360-104	3-3	280
01-0770001-41	6-4	20	037360-115	3-3	160
01-0770001-51	6-4	10	037360-160	3-3	280
01-0770006-08	6-6	150A	037360-161	3-3	160
01-0770028-05	6-6	150	037360-161	3-3	280
01-0770028-05	6-6	150A	07DU08	5-2	140
01-0770029	6-4	140	08DU08	8-1	190
01-0770029-R	6-6	90	09455-01-824-08E-011	5-3	520
01-0770034-02	6-5	180	099001-174	3-27	20
01-0770054-00	6-5	130	099001-176	3-27	10
01-0770054-02	6-5	120	099001-177	3-27	30
01-0770119-09	6-4	350	099001-178	3-27	40
01-0770119-15	11-8	80	099005-401	3-27	50
01-0770119-15	11-9	90	09-DU-10	8-10	390
01-0790006-00	6-5	150	09-DU-12	8-9	400
01-0790006-01	6-5	170	09-DU-12	8-10	400
01-0790006-02	6-5	140	1	3-3	320
01-0790006-03	6-5	160	1	3-4	80
01-0790340-03	6-5	170	1/2 X 8R	7-11	360
01-0790340-04	6-5	160	1/2-6NA	11-19	225
0110	11-1	—	1/4 Harper	12-6	90
0110	11-2	—	1/4 Harper	12-7	140
0110	11-3	—	1/4 Harper	3-3	60
0110	11-4	300	1/4 Harper	5-1	110
01-691-04	12-6	160	1/4 Harper	5-3	370
01-691-04	12-5	640	1/4 Harper	5-5	120
01-691-05	8-4	100	1/4 Harper	8-11	160
01-824-08E-011	4-4	200	1/4 Harper	8-11	20
01-824-08E-011	5-3	520	1/4 Harper	8-20	30
02-0250276-00	6-6	130	1/4 Harper	8-3	110
02-0350003-01	6-4	—	1/4 Harper	8-5	350
02-0350003-01	6-4	—	1/4 Harper	12-13	290
02-0350003-01	6-4	—	1/4 Harper	8-8	120
02-0350281-0	6-4	—	1/4 Harper	7-1	250
02-03705534-00	6-4	—	1/4 Harper	12-10	170
02-691-04	5-2	170	1/4 Harper	12-11	220

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
1/4 Harper	12-12	260	1219-4200-Z3Y	3-2	113
1/4-6NA	11-16	40	1219-4200-Z3Y	3-20	–
1/8-6NA	6-4	190	1219-4200-Z3Y	3-20B	–
1/8X8-32	3-24	450	1219-4200-Z3Y	3-20B	–
10005498	3-26	50	1219-4200-Z3Y	7-1	550
10065 H1L5	4-2	80	1219-4200-Z3Y	7-10	390
101678-0002	3-8	110	1239	3-9	21
10-176485-121	6-1	100	12500750	4-4	140
10-DU-10	8-12	40	12500750-125B	4-4	140
102-00007	5-6	170	12528Y-A164	12-4	20
10-357290-1	11-8	275	12B	9-2	35
10-357290-1	11-9	165	12LHTA17-M62	3-18	–
10-357290-1	11-1	270	12LHTA1-M62	3-18	–
10-357290-1	11-2	160	12T35-2	11-5	160
10-357290-1	11-3	160	12TS15-2	11-8	265
10-357290-1	11-5	10	12TS15-2	11-9	150
10-357290-1	11-6	370	12TS15-2	11-5	160
10-357290-1	11-7	580	12TS15-2	11-7	560
103574-00	3-3	200	13241 HIL5	5-6	–
10-382780-12	6-2	40	13241-LDS	5-6	–
1040	11-8	90	1357	9-4	–
1040	11-9	85	1425	7-5	–
1040	11-1	410	1-480305-0	11-8	–
1040	11-2	310	1-480318-0	11-7	–
1040	11-3	310	1-480319-0	6-11	–
1040	11-4	290	1-480319-0	11-7	–
1040	11-5	40	149-24HT	3-31	–
1040	11-6	170	1500-052-1	11-1	330
1040	11-7	190	1500-052-1	11-2	220
10-400608-123	6-1	100	1500-052-1	11-3	220
10-400608-123	6-2	40	1500-052-1	11-4	220
10-400608-243	6-2	40	1500-052-1	11-5	230A
1053	7-4	290	1500-052-2	6-3	–
1061	3-24	–	1500-052-2	11-1	70
108FR	9-4	–	1500-052-2	11-5	250
1102	5-6	244	1500-052-2	11-6	190
110927-3	7-5	680	1500-052-205	11-5	230
1-10-AM5201	9-5	5	1500-052-205	11-6	400
11-691-04	12-6	140	1500-056-3	11-6	410
11-691-05	8-4	130	15-0007-5	6-5	10

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
1512	6-6	350	1684	8-17	80
1512-140	6-4	90	1687	11-8	245
1539-001	12-1	200	1687	11-7	530
1540	5-6	—	1691-C	3-8	120
1540	5-7	90	169E-190-12L	11-2	140
15753XC2L	7-1	370	169E-909-2L	11-1	240
1592-30	11-1	—	169E-909-2L	11-2	130
1592-30	11-2	—	169E-909-2L	11-3	130
1592-30	11-3	—	169E-909-2L	11-4	130
1592-30	11-4	—	169E-909-3L	11-3	—
1592-30	11-5	—	169E-910-11-3L	11-3	—
15PA90-4R	11-8	270	169E-910-11L	11-1	230
15PA90-4R	11-9	155	169E-910-11L	11-2	120
15PA90-4R	11-7	570	169E-910-11L	11-3	120
160-012-70	11-8	190	169E-910-11L	11-4	120
160-012-70	11-9	160	169E-910-12-1L	11-3	—
160-012-70	11-7	410	169E-910-12L	11-1	250
16-1	12-13	320	169E-910-12L	11-3	140
16-1	12-5	—	169E-910-12L	11-4	140
16-1	12-11	40	169E-910-14-4L	11-1	200
16-1	12-12	290	169E-910-14-4L	11-2	90
1637-B	12-3	50	169E-910-14-4L	11-3	90
1637-B	4-1	330	169E-910-14-4L	11-4	90
1637-B	8-1	70	169E-910-14-5L	11-3	—
1637-B1	8-3A	180	169E-910-15-1L	11-3	—
1641	12-9	—	169E-910-15L	11-1	220
1641-B	4-1	260	169E-910-15L	11-2	110
1641-B	4-2	160	169E-910-15L	11-3	110
1641-B	5-4	320	169E-910-15L	11-4	110
1641-B	8-4	90	169E-914-1L	11-1	210
1650	4-2	160	169E-914-1L	11-2	100
1650	5-4	130	169E-914-1L	11-3	100
1650	12-13	220	169E-914-1L	11-4	100
1650	12-10	190	169E-914-2L	11-3	—
1650	12-11	200	16DU12	8-5	230
1650	12-12	200	16-DU-12	8-3A	60
1678	11-9	180	16-DU-14	8-3A	60
1684	11-8	200	16-DU-16	8-3A	60
1684	11-7	430	1728-B	5-3	270
1684	8-16	80	1815	11-1	—

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
1815	11-3	–	201NP	5-3	300
1815	11-5	–	20206A	3-7	310
1816	6-4	120	2-025 E515-80	4-4	110
1816	6-5	20	2-025 E515-80	4-4	40
18207	3-26	150	2-026	3-9	60
18286-00	3-26	130	2-029	4-2	140
18-2-G	12-5	780	202A-13BTR	11-3	330
183204	3-26	150	202A-13BTR	11-5	270
184969	3-4	120	202A-13BTR	11-16	10
1877	12-13	110	202A-1A	11-2	330
1885	12-11	150	202A-1ATR	11-4	–
1886	11-18	130	20526	5-4	290
1886	12-4	150	206036-1	8-5	190
18DU12	8-16	150	206037-1	8-5	200
18DU12	8-17	160	206044-1	8-5	200A
1911-B	4-1	320	206070-1	8-5	210
1911-B	5-4	320	206322-1	8-5	210A
1911-B	8-3A	180	20TC2-CA-10	11-6	–470A
1911-B1	11-18	70	20TC2-CA-15	11-1	280
1911-B1	12-4	140	20TC2-CA-15	11-2	170
1911-B1	8-1	70	20TC2-CA-20	11-1	300
19-130074-009	6-6	100	20TC2-CA-20	11-2	190
19-150002-009	6-4	–	20TC2-CA-20	11-3	190
19-150002-009	6-4	–	20TC2-CA-20	11-4	190
19-150002-009	6-4	–	20TC2-CA-20	11-5	200A
1B7536	5-6	135	20TC2-CA-20	11-6	470
1SE1	5-1	310	20TC2-CA-3	11-1	260
2000653-001	6-5	10	20TC2-CA-3	11-2	150
20020S	7-22	250	20TC2-CA-3	11-3	150
20024S	3-5A	40	20TC2-CA-3	11-4	150
20024S	3-5A	60	20TC2-CA-3	11-5	190A
20024S	7-22	270	20TC2-CA-3	11-6	480
20040S	10-1	18	20TC2-CA-5	11-3	170
20040S	3-3	260	20TC2-CA-5	11-4	170
20042A	3-6	10	20TC2-CA-5	11-5	180A
20042A	3-7	180	20TC2-CA-5	11-6	460
20044S	10-1	4	20TC2-CA-7.5	11-1	140
20-0824130A00	6-4	–	20TC2-CA-7.5	11-1	290
2-010	3-26	80	20TC2-CA-7.5	11-2	30
201F-5006	3-31	–	20TC2-CA-7.5	11-2	180

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
20TC2-CA-7.5	11-3	30	22-370-60	11-7	880
20TC2-CA-7.5	11-3	180	229001P	6-12	70
20TC2-CA-7.5	11-3	210	22NKM-82	7-4	200
20TC2-CA-7.5	11-3	230	2-326 E515-80	4-4	90
20TC2-CA-7.5	11-4	30	2335-265-1	11-8	460
20TC2-CA-7.5	11-4	160	2335-265-1	11-9	370
20TC2-CA-7.5	11-4	180	2335-265-1	11-5	—
20TC2-CA-7.5	11-4	210	2335-265-1	11-7	980
20TC2-CA-7.5	11-4	230	23S-094-0625	4-3	70
20TC2-CA-7.5	11-5	170A	2500-4	7-5	780
20TC2-CA-7.5	11-6	—460A	2524917-1	3-31	—
210A155	8-9	100	270624141H0080	3-22	220
210A155	8-10	100	2716-00	11-5	—
210A249	8-9	—110	28-00013-1	11-21	190
210A249	8-10	—110	28-00013-3	11-21	200
2-131 N304-75	7-21	80	28-00014-1	11-21	10
2-137 E515-80	4-4	150	28-00014-3	11-21	20
21FA-540	12-1	130	28-00015-1	11-21	30
21FA-540	5-6	—	28-00015-3	11-21	40
2212A	3-22	250	28-00016-1	11-21	50
2212A	3-23	260	28-00016-3	11-21	60
2-214	3-9	70	28-00017-1	11-21	—
2-214	5-6	200	28-00018-1	11-21	—
22-169-09-1L	11-1	190	28-01011-3	6-13	200
22-169-09-1L	11-2	80	28-01026-1	11-5	270B
22-169-09-1L	11-3	80	28-01026-11	11-19	70
22-169-09-1L	11-4	80	28-01026-11	11-17	—
2-218	3-9	40	28-01026-3	11-5	270A
222	11-1	380	28-01026-3	11-17	—
222	11-2	280	28-01039-1	3-3	—
222	11-3	280	28-01041-1	12-2	120
222	11-4	—	28-01041-3	12-2	120
222	11-5	—	28-01058-15	3-5A	—
22-370-60	11-8	405	28-01058-3	3-5A	140
22-370-60	11-9	315	280-112000-1	7-13	—
22-370-60	11-1	—	280-112000-3	7-13	—
22-370-60	11-2	—	280-112000-5	7-13	—
22-370-60	11-3	—	280-112001-11	7-14	70
22-370-60	11-4	—	280-112001-12	7-14	80
22-370-60	11-5	—	280-112001-13	7-14	—60

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
280-112001-15	7-14	-120	280-113037-1	7-5	970
280-112002-1	7-14	-190	280-113037-11	7-5	970
280-112002-3	7-14	-200	280-113037-13	7-5	970
280-112006-11	7-14	240	280-113038-11	7-5	-610
280-113000-103	7-5	-	280-113038-12	7-5	620
280-113001-9	7-5	-	280-113039-11	7-5	810
280-113006-19	3-10	20	280-114500-13	7-5	210
280-113016-29	6-10	80	280-114500-13	7-10	520
280-113016-31	6-10	90	280-114500-17	7-9	-280
280-113019-31	6-9	80	280-114500-17	7-10	420
280-113022-11	7-5	-20	280-114500-18	7-9	290
280-113022-12	7-5	10	280-114500-18	7-10	-430
280-113022-13	7-5	80	280-114500-19	7-10	370
280-113022-14	7-5	90	280-114500-20	7-10	-380
280-113022-15	7-5	110	280-114500-21	7-10	540
280-113022-16	7-5	120	280-114500-22	7-10	-550
280-113022-17	7-5	30	280-114500-23	7-10	560
280-113023-1	7-5	-	280-114500-24	7-10	-570
280-113024-1	7-5	130	280-114501-1	7-9	10
280-113027-1	7-5	700	280-114501-5	7-10	500
280-113027-13	7-5	760	280-114502-1	7-11	-210
280-113027-14	7-5	-770	280-114502-13	7-10	-
280-113027-2	7-5	-710	280-114502-3	7-10	140
280-113027-23	7-5	720	280-114502-3	7-11	180
280-113027-24	7-5	-730	280-114502-4	7-10	150
280-113027-31	7-5	740	280-114502-4	7-11	190
280-113032-11	7-5	910	280-114502-5	7-9	180
280-113032-12	7-5	-920	280-114503-1	7-9	220
280-113033-1	9-1	1B	280-114503-1	7-11	-330
280-113033-3	9-1	1C	280-114503-3	7-9	-190
280-113035-1	7-5	840	280-114503-3	7-11	-20
280-113035-11	7-5	-	280-114503-4	7-9	200
280-113035-12	7-5	-	280-114503-4	7-11	-40
280-113035-2	7-5	-850	280-114503-5	7-9	260
280-113036-1	7-5	960	280-114503-5	7-11	-250
280-113036-11	7-5	-	280-114503-6	7-9	270
280-113036-13	7-5	-	280-114503-6	7-11	-260
280-113036-15	7-5	-	280-114504-1	7-9	150
280-113036-3	7-5	-960A	280-114505-2	7-9	370
280-113036-5	7-5	-960B	280-114505-2	7-10	190

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
280-114507-1	7-5	160	280-126001-109	3-20	—
280-114507-1	7-10	90	280-126001-109	3-20A	—
280-114507-3	7-5	—160A	280-126001-109	3-20B	—
280-114507-3	7-10	60	280-126001-11	3-20B	—
280-114508-1	7-9	410	280-126001-15	3-20	—
280-114508-1	7-10	240	280-126001-15	3-20A	—
280-114508-1	7-11	490	280-126001-15	3-20B	—
280-114508-11	7-9	410	280-126001-3	3-20B	—
280-114508-11	7-11	490	280-126001-33	3-19	90
280-114509-1	7-9	20	280-126001-33	3-20B	—
280-117000-1	7-5	—	280-126001-34	3-20	—
280-117000-10	7-5	560	280-126001-35	3-19	110
280-117000-15	7-5	570	280-126001-37	3-19	130
280-117000-17	7-5	350	280-126001-39	3-19	120
280-117000-2	7-5	—	280-126001-41	3-19	100
280-117000-25	7-5	—360	280-126001-45	3-6	290
280-117000-26	7-5	370	280-126001-45	3-7	220
280-117001-15	7-5	290	280-126001-47	3-6	280
280-117001-23	7-5	300	280-126001-47	3-7	230
280-117001-25	7-5	520	280-126001-51	3-19	80
280-117001-3	7-5	480	280-126001-51	3-20	—
280-117001-5	7-5	500	280-126001-51	3-20B	—
280-117001-7	7-5	490	280-126001-53	3-20	—
280-117002-1	7-5	320	280-126001-53	3-20A	—
280-117003-1	7-5	—410	280-126001-53	3-20B	—
280-117003-2	7-5	420	280-126001-55	3-20	—
280-117003-27	7-5	470	280-126001-55	3-20A	—
280-117003-3	7-5	—540	280-126001-55	3-20B	—
280-117003-4	7-5	550	280-126001-69	3-20	610
280-124001-1	3-22	10	280-126001-69	3-20A	610
280-124001-1	3-23	10	280-126001-69	3-20B	610
280-124001-1	3-24	490	280-126001-9	3-20	210
280-124001-1	3-26	—	280-126001-9	3-20A	210
280-124001-3	3-26	190	280-126001-9	3-20B	210
280-124301-1	3-24	10	280-126001-906	3-20B	20
280-124301-15	3-24	—	280-126001-908	3-20	20
280-124301-16	3-24	—	280-126001-908	3-20A	20
280-124301-2	3-24	20	280-126002-1	3-6	190
280-124301-901	3-24	10	280-126002-1	3-7	210
280-124301-902	3-24	20	280-126003-1	3-6	240

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
280-126003-1	3-7	170	280-181000-911	11-14	-30A
280-126003-1	7-11	390	280-181000-913	11-12	-90A
280-127500-11	10-2	16	280-181000-915	11-12	-100A
280-127502-1	10-2	20	280-181000-915	11-14	-50A
280-127505-13	10-2	18	280-181000-917	11-12	-80A
280-127505-17	3-18	-	280-181000-917	11-14	-60A
280-127505-17	3-20	-	280-181000-919	11-12	-60A
280-127505-17	3-20A	-	280-181000-919	11-14	-70A
280-127505-17	3-20B	-	280-181000-921	11-12	-70A
280-127505-17	3-5A	70	280-181000-921	11-14	-80A
280-127507-11	10-2	17	280-200000-1	7-16	10
280-128000-2	7-5	150	280-200000-2	7-16	20
280-162000-11	8-18	-120	280-201000-1	7-16	190
280-162000-11	8-19	-120	280-201000-33	7-16	180
280-180000	11-3	-	280-201000-41	7-16	170
280-180000	11-4	-	280-201002-11	7-16	250
280-180001-11	9-2	9	280-210002-1	7-16	230
280-180001-12	9-2	8	280-210004-5	6-5	-
280-180001-13	9-2	10	280-210007-1	6-8	30
280-180003-3	11-6	300	280-210007-11	6-8	-
280-180004	11-3	250	280-210007-13	6-8	-
280-180004-19	11-4	250	280-210007-3	6-8	30
280-180004-21	11-3	260	280-221001	9-3	-
280-180004-21	11-4	260	28-10-60-11	6-13	210
280-180004-25	11-6	160	28-111004-1	3-10	130
280-180005-1	11-4	320	28-111004-1	3-15	150
280-180005-2	11-4	310	28-111004-15	3-15	150
280-180006-1	9-2	6	28-111004-17	3-15	150
280-180007-1	11-21	1090	28-11112-1	3-6	140
280-181000-1	11-15	-	28-11112-1	3-7	110
280-181000-11	11-15	30	28-11120-1	11-11	160
280-181000-13	11-15	35	28-11121-4	11-11	210
280-181000-13	11-14	-40A	28-11121-4	11-14	80
280-181000-15	11-15	40	28-11121-7	11-11	170
280-181000-17	11-15	5	28-11121-901	11-11	230
280-181000-19	11-15	10	28-11121-901	11-12	70
280-181000-21	11-15	70	28-11128-1	5-1	460
280-181000-23	11-15	45	28-11128-3	5-1	460
280-181000-25	11-15	50	28-11201-12	7-14	100
280-181000-911	11-12	-110A	28-11201-3	7-14	30

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-11201-4	7-14	40	28-11236-5	7-18	—
28-11201-5	7-14	20	28-11238-1	12-3	—55
28-11201-6	7-14	10	28-11239-1	7-18	10
28-11201-7	7-14	50	28-11239-101	7-18	40
28-11201-8	7-14	90	28-11239-11	7-18	—
28-11201-996	7-14	—	28-11239-13	7-18	—
28-11202-1	7-14	150	28-11239-19	7-18	—
28-11203-1	7-14	160	28-11239-21	7-18	—
28-11204-1	7-14	170	28-11239-21	7-18	—
28-11204-11	7-14	170	28-11239-23	7-18	—
28-11205-1	7-14	180	28-11239-25	7-18	—
28-11205-11	7-14	180	28-11239-27	7-18	—
28-11206-1	7-14	210	28-11239-27	7-18	—
28-11206-5	7-14	210	28-11239-3	7-18	20
28-11207-1	7-14	220	28-11239-35	7-18	—
28-11207-3	7-14	220	28-11239-35	7-18	—
28-11215-1	7-15	200	28-11239-37	7-18	—
28-11215-1	7-16	120	28-11239-37	7-18	—
28-11217-1	7-15	160	28-11239-39	7-18	—
28-11217-1	7-16	100	28-11239-39	7-18	—
28-11217-3	7-15	160	28-11239-9	7-18	30
28-11217-3	7-16	100	28-11242-11	7-14	140
28-11218-1	7-15	150	28-11243-11	7-14	130
28-11218-1	7-16	90	28-11248-1	7-14	—
28-11221-1	7-15	80	28-11298-13	3-12	10
28-11221-2	7-15	90	28-11300	7-1	—
28-11222-1	7-15	130	28-11300	7-13	—
28-11222-15	7-17	80	28-11300-1	7-1	—
28-11225-11	7-14	230	28-11303-1	9-1	1
28-11227-13	7-18	—	28-11303-4	9-1	12
28-11227-13	7-18	—	28-11303-5	9-1	1A
28-11227-17	7-18	—	28-113040-11	9-1	2
28-11227-17	7-18	—	28-113040-13	9-1	2A
28-11227-21	7-18	—	28-113041-11	7-5	—250
28-11227-21	7-18	—	28-113041-11	9-4	11
28-11236-1	7-14	—	28-113041-12	7-5	260
28-11236-1	7-15	—	28-113041-12	9-4	—12
28-11236-1	7-16	—	28-113042-11	9-1	9
28-11236-31	7-14	—110	28-113046-29	7-3	—122
28-11236-5	7-14	—	28-113046-3	7-5	990

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-113046-30	7-3	-124	28-113090-19	7-4	490
28-113046-4	7-5	-1000	28-113090-20	7-4	-500
28-113046-5	7-3	-152	28-113090-21	7-4	30
28-113046-6	7-3	-154	28-113090-22	7-4	-40
28-113046-7	7-3	-45	28-113090-23	7-4	-
28-113046-9	7-3	-45	28-113090-24	7-4	-
28-113047-11	7-5	-230	28-113090-25	7-4	270
28-113047-12	7-5	240	28-113090-27	7-4	590
28-113048-2	7-1	-	28-113090-3	7-4	-
28-113048-2	7-2	-	28-113090-4	7-4	-
28-113052-2	7-2	30	28-11309-1	7-1	-
28-113054-1	6-5	250	28-113091-1	7-4	-540
28-113054-1	7-7	10	28-113091-3	7-4	-540
28-113054-12	7-7	20	28-113091-3CS	7-4	-540A
28-113055-1	7-7	-	28-113091-5	7-4	520
28-113069-1	9-1	14	28-113091-6	7-4	-530
28-113071-1	7-1	-	28-113092-11	7-4	550
28-113076-1	7-4	210	28-113092-13	7-4	550
28-113076-15	7-4	-	28-11309-3	7-1	600
28-113077-11	7-4	270	28-11309-3	7-2	170
28-113078-11	7-4	240	28-113093-13	7-4	670
28-11307-901	8-5	560	28-11309-4	7-1	610
28-11307-902	8-5	-550	28-11309-4	7-2	-180
28-113080-3	7-4	620	28-11309-6	7-1	620
28-113080-4	7-4	-630	28-113096-1	7-4	430
28-113080-5	7-4	620	28-113096-2	7-4	-440
28-113080-6	7-4	-630	28-11309-7	7-1	630
28-113084-11	7-4	450	28-113097-13	7-4	-
28-113085-13	7-4	430	28-113097-14	7-4	-
28-113085-14	7-4	-440	28-113097-3	7-4	560
28-113087-11	7-4	250	28-113097-4	7-4	-570
28-113088-11	7-4	300	28-11310-1	7-1	-10
28-113090-11	7-4	310	28-11310-10	7-4	20
28-113090-12	7-4	-320	28-11310-103	7-2	40
28-113090-13	7-4	-340	28-11310-104	7-2	-50
28-113090-14	7-4	-350	28-113101-1	7-6	500
28-113090-15	7-4	410	28-11310-11	7-1	50
28-113090-16	7-4	-420	28-113101-2	7-6	-510
28-113090-17	7-4	470	28-113101-3	7-6	380
28-113090-18	7-4	640	28-113101-4	7-6	-390

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-11310-2	7-1	20	28-113135-12	7-6	-330
28-113102-1	7-5	–	28-113136-11	7-6	340
28-113102-11	7-5	790	28-113136-12	7-6	-350
28-113103-1	7-6	540	28-113139-1	7-6	10
28-113103-2	7-6	-550	28-113139-1	9-4	15
28-113103-3	7-6	480	28-113139-2	7-6	-20
28-113103-4	7-6	-490	28-113139-2	9-4	–16
28-11310-5	7-4	–40	28-113140-1	7-6	430
28-11310-6	7-4	30	28-11360-1	6-9	70
28-11310-7	7-1	30	28-11371-1	7-1	–
28-113107-11	3-11	–	28-11371-1	7-1	810
28-113107-13	3-11	–	28-11371-1	7-4	610
28-113107-15	3-11	–	28-11372-1	7-1	290
28-11310-8	7-1	–40	28-11373-1	7-1	270
28-113108-11	3-11	–	28-11376-1	7-1	260
28-113108-13	3-11	–	28-11388-1	8-18	200
28-113108-15	3-11	–	28-11388-1	8-19	160
28-11310-905	7-1	100	28-11392-1	12-5	130
28-113112-11	7-6	410	28-11395-1	9-2	5
28-113112-12	7-6	-420	28-11395-1	9-3	50
28-113113-11	7-6	370	28-11395-1	9-4	50
28-113113-13	7-6	310	28-11395-1-GEN	9-4	–50A
28-113114-1	7-6	200	28-11400-1	7-1	–
28-113114-2	7-6	-210	28-11400-1	7-8	–
28-113118-11	7-6	220	28-114002-3	7-11	–230
28-113118-12	7-6	-230	28-114003-1	7-11	400
28-113120-11	7-6	400	28-114003-3	7-11	400
28-113122-1	7-6	150	28-114010-11	7-11	50
28-113122-2	7-6	-160	28-114010-12	7-11	–60
28-113122-3	7-6	170	28-114011-13	7-11	–160
28-113122-4	7-6	-180	28-114011-15	7-11	–170
28-113124-11	7-6	580	28-114011-17	7-11	–150
28-113124-12	7-6	-590	28-114011-5	7-10	110
28-113125-11	7-6	560	28-114011-5	7-11	140
28-113125-12	7-6	-570	28-114012-1	7-10	200
28-113128-11	7-6	660	28-114012-11	7-11	240
28-113129-11	7-6	640	28-11401-3	7-8	10
28-113134-11	7-6	600	28-11401-3	7-11	–90
28-113134-12	7-6	-610	28-114013-11	7-11	–280
28-113135-11	7-6	320	28-114013-12	7-11	–290

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-114013-13	7-11	-300	28-114024-1	7-10	30
28-114013-17	7-11	-280	28-114024-1	7-12	-
28-114013-3	7-10	180	28-114024-11	7-12	20
28-114013-3	7-11	270	28-114024-12	7-12	-30
28-114014-1	7-11	-	28-114025-1	7-11	-120
28-114014-3	7-11	-	28-114026-3	7-10	40
28-114014-5	7-10	-	28-114026-3	7-12	90
28-114014-5	7-11	-	28-11403-1	7-8	160
28-114014-5	7-12	-	28-11404-1	9-2	11
28-114014-7	7-11	-	28-11404-13	9-3	290
28-114014-9	7-10	-	28-11404-13	9-4	230
28-114014-9	7-11	-	28-11405-1	7-8	-270
28-114015-1	7-10	120	28-11405-2	7-8	280
28-114015-1	7-11	10	28-11407-1	7-1	340
28-114015-2	7-10	170	28-11407-5	7-4	170
28-114015-2	7-11	30	28-11408-10	7-1	400
28-114016-1	7-11	310	28-11408-2	7-1	360
28-114016-3	7-11	-320	28-11409-1	7-8	310
28-114016-7	3-5A	160	28-11412-3	7-1	170
28-114016-7	7-10	250	28-11412-4	7-1	-175
28-114016-7	7-11	310	28-11413-10	7-8	-90A
28-114017-1	7-10	130	28-11413-11	7-8	100
28-114017-1	7-11	200	28-11413-12	7-8	-100A
28-114018-1	7-10	160	28-11413-13	7-8	-100B
28-114018-1	7-11	220	28-11413-3	7-8	-70
28-114019-11	7-11	-110	28-11413-4	7-8	80
28-114019-11	7-12	80	28-11413-5	7-10	310
28-114019-13	7-11	-130	28-11413-6	7-10	-320
28-114019-15	7-12	70	28-11413-9	7-8	90
28-114019-3	7-10	10	28-11414-1	7-1	-
28-114019-3	7-11	-100	28-11414-2	7-1	-
28-114019-3	7-12	-	28-11414-3	7-1	-460
28-114019-5	7-10	80	28-11414-4	7-1	450
28-11402-1	7-8	20	28-11414-5	7-1	-480
28-11402-1	7-9	30	28-11414-6	7-1	470
28-11402-1	7-11	480	28-11417-1	7-1	120
28-114022-1	7-10	50	28-11418-1	7-1	-
28-114022-1	7-12	60	28-11418-2	7-1	-
28-114023-11	7-10	20	28-11420-1	7-8	60
28-114023-11	7-12	10	28-11425-10	7-1	770

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-11425-2	7-1	–	28-11500-1	3-17	–
28-11425-2	7-2	–	28-11500-3	3-17	50
28-11425-3	7-1	720	28-11501-1	3-16	–
28-11425-3	7-2	10	28-11501-10	3-16	20
28-11425-4	7-1	710	28-11501-12	3-16	10
28-11425-4	7-2	–20	28-11501-15	3-16	10
28-11425-5	7-1	760	28-11501-17	3-16	10
28-11425-5	7-2	–70	28-11501-3	3-16	–
28-11425-6	7-1	750	28-11501-3	3-17	10
28-11425-6	7-2	60	28-11501-4	3-16	40
28-11425-7	7-1	740	28-11501-4	3-17	170
28-11425-8	7-1	730	28-11501-901	3-16	50
28-11425-9	7-1	780	28-11502-5	3-16	60
28-11427-1	7-1	220	28-11504-1	9-2	43
28-11428-1	7-1	310	28-11600-13	9-2	1
28-11430-1	9-1	11	28-11600-17	9-2	2
28-11431-1	9-1	13	28-11600-19	9-2	28
28-11435-1	7-1	180	28-11600-20	9-1	26
28-11435-1	7-4	390	28-11600-21	9-1	27
28-11436	7-1	110	28-116002-13	6-11	140
28-11437-1	7-1	380	28-116002-15	6-11	140
28-11438-1	7-1	390	28-11600-3	9-1	17
28-11440-1	7-1	490	28-11600-4	9-1	18
28-11440-1	7-10	–	28-116004-3	9-1	20
28-11440-1	7-10	–	28-116004-30GEN	9-1	–20A
28-11442-1	7-8	200	28-11600-5	9-1	16
28-11443-1	7-10	–	28-116005-1	9-1	21
28-11443-1	7-10	–	28-116005-3	9-1	–21A
28-114501-1	7-11	–70	28-116005-30GEN	9-1	–21B
28-114509	7-11	–80	28-11600-6	9-2	2A
28-11452	10-1	22	28-116006-1	9-1	22
28-11460-1	7-10	330	28-116006-10GEN	9-1	–22A
28-11460-3	7-9	80	28-11600-7	9-2	1A
28-11461-1	9-5	100	28-116007-1	9-1	23
28-11462-11	9-5	95	28-116007-3	9-1	–23A
28-11464-1	9-5	75	28-116007-30GEN	9-1	–23B
28-11466-1	9-5	70	28-11600-8	9-1	19
28-11468-2	9-5	35	28-116008-1	9-1	24
28-11484-11	7-4	580	28-116008-10GEN	9-1	–24A
28-11484-13	7-4	380	28-11600-9	9-2	28A

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-116009-1	9-1	25	28-11624-101	9-4	–
28-11603-1	9-2	3	28-11625-11	9-4	160
28-11603-13	9-4	30	28-11625-11-GEN	9-4	–160A
28-11607-11	7-2	–90	28-11625-13	9-3	420
28-11607-12	7-2	80	28-11626	9-3	–
28-11608-11	9-3	30	28-11627-1	9-4	–14A
28-11608-11	9-4	30	28-11627-1-GEN	9-4	14
28-11608-13	9-3	30	28-11627-2	9-4	–14C
28-11610-3	9-3	–	28-11627-2-GEN	9-4	–14B
28-11610-5	9-3	–	28-11700	7-1	–
28-11611-1	9-3	440	28-11701-1	7-1	830
28-11611-2	9-3	430	28-11702-1	7-1	840
28-11612-11	9-3	–	28-11702-2	7-1	–845
28-11613-11	9-3	460	28-11703-1	7-1	850
28-11613-12	9-3	450	28-11703-2	7-1	–855
28-11614-11	9-3	480	28-11708-1	7-1	–
28-11614-12	9-3	470	28-11708-1	7-3	30
28-11615-13	9-3	490	28-11708-2	7-1	–
28-11615-15	9-3	490	28-11708-2	7-3	–40
28-11618-11	9-3	510	28-11709-1	7-1	–
28-11618-12	9-3	500	28-11709-2	7-1	–
28-11619-1-GEN	9-4	–	28-11709-3	7-3	140
28-11619-2-GEN	9-4	–	28-11709-4	7-3	–150
28-11620-1	9-4	130	28-11710-1	7-1	690
28-11620-3	9-4	–130A	28-11710-1	7-3	110
28-11621-11	9-4	170	28-11710-11	7-1	690
28-11621-13	9-4	180	28-11710-11	7-3	110
28-11622-1	9-4	20	28-11710-12	7-1	–695
28-11622-13	9-3	21	28-11710-12	7-3	–120
28-11622-15	9-4	20A	28-11710-2	7-1	–695
28-11622-17	9-3	21A	28-11710-2	7-3	–120
28-11622-21	9-4	20A	28-11711-11	7-1	–
28-11622-21CGEN	9-4	–20B	28-11711-11	7-3	10
28-11622-21VGEN	9-4	20A	28-11711-12	7-1	–
28-11622-5	9-4	–20C	28-11711-12	7-3	–20
28-11623-1	9-4	–	28-11711-13	7-3	–22
28-11623-2	9-4	–	28-11711-14	7-3	–24
28-11624-5	9-4	–	28-11711-17	7-1	–
28-11624-7	9-4	–	28-11711-17	7-3	10
28-11624-9	9-4	–	28-11711-18	7-1	–

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-11711-18	7-3	-20	28-12112-4	3-9	10
28-11712-11	7-1	-	28-12112-5	3-9	10
28-11712-11	7-3	160	28-12112-9	3-9	10
28-11712-15	7-3	160	28-12116-11	3-9	50
28-11713-11	7-4	90	28-12118-2	3-9	10
28-11713-12	7-4	-100	28-12122-1	3-9	20
28-11713-15	7-4	120	28-12122-3	3-9	20
28-11714-1	7-3	-	28-12125-1	3-9	30
28-11714-11	7-3	-26	28-12127-11	3-9	80
28-11714-2	7-3	-	28-12128-5	3-9	-
28-11714-3	7-3	-	28-12128-9	3-9	-
28-11714-4	7-3	-	28-12133-11	3-23	630
28-11714-5	7-3	-	28-12134-13	3-8	20
28-11714-6	7-3	-	28-12134-15	3-8	20
28-11715-11	7-4	20	28-12134-991	3-8	-
28-11715-11	7-5	-	28-12140-1	3-5	20
28-121000-19	3-3	330	28-12141-11	3-30	20A
28-121000-19	3-5	100	28-12142-1	3-22	60
28-121000-901	3-7	-	28-12145-1	3-5	10
28-12100-10	3-22	320	28-12146-1	3-22	450
28-121001-1	3-9	30	28-12146-1	3-23	450
28-12100-12	3-22	450	28-12149-1	3-20	40
28-12100-13	11-10	60	28-12149-1	3-20A	40
28-121005-19	3-8	30	28-12149-1	3-20B	40
28-12100-6	11-10	110	28-12149-3	3-20A	-40A
28-12100-7	11-10	10	28-12150-1	3-7	350
28-121007-1	3-4	210	28-12151-1	3-7	300
28-12100-8	3-22	60	28-12155-1	3-8	60
28-121008-1	3-4	230	28-12155-15	3-8	65
28-121008-3	3-4	230	28-12158-11	3-7	370
28-12100-9	11-10	20	28-12160-11	3-7	340
28-12100-903	3-6	40	28-12162-1	3-3	250
28-12100-904	3-6	30	28-12164-9	3-4	30
28-121009-3	3-8	90	28-123005-5	3-4	70
28-121011-1	3-8	130	28-123007-1	3-3	70
28-12101-11	3-22	190	28-123007-11	3-3	70
28-121011-3	3-8	10	28-123009-11	3-3	80
28-121012-11	3-8	40	28-123009-13	3-3	90
28-121013-1	3-7	20	28-123009-15	3-3	90
28-121014-1	3-7	30	28-123009-17	3-3	80

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-12301-1	3-1	20	28-12361-1	3-2	10
28-123011-1	3-4	160	28-12362-1	3-2	–
28-123012-1	3-4	130	28-12362-1	3-2	100
28-123013-1	3-4	110	28-12400-12	3-24	260
28-123014-1	3-4	20	28-12400-12	11-13	160
28-123015-1	3-4	10	28-12400-16	3-24	50
28-123016-1	3-4	200	28-124002-3	3-23	61
28-123017-1	3-7	100	28-12400-23	3-22	40
28-123018-1	3-23	210	28-12400-23	3-23	40
28-123019-1	3-2	280	28-124003-1	3-4	180
28-123019-1	3-3	40	28-124003-13	3-23	430
28-12302-1	3-1	10	28-124003-19	3-23	–
28-123022-11	3-3	10	28-124003-5	3-8	70
28-123024-1	3-4	150	28-124005-1	3-23	484
28-12305	10-1	13	28-124006-11	3-23	150
28-12305	10-1	2	28-12400-910	3-23	330
28-12305	10-2	14	28-12400-919	3-24	90
28-12305	10-2	2	28-12401-1	3-24	10
28-12305-1	3-18	40	28-12401-2	3-24	20
28-12305-1	7-9	240	28-12408-1	3-25	40
28-12313-1	3-1	150	28-12409-1	3-25	30
28-12329-1	3-1	120	28-12410-1	3-25	100
28-12329-1	3-2	280	28-12411-3	3-25	80
28-12335-1	3-2	40	28-12415-9	3-2	130
28-12341-1	3-2	90	28-12416-3	3-24	480
28-12344-11	3-2	–	28-12416-3	11-21	220
28-12345-1	3-2	–	28-12416-4	3-24	470
28-12350-1	3-2	110	28-12417-1	3-26	160
28-12350-2	3-2	110	28-12417-11	3-26	160
28-12350-3	3-2	110	28-12418-1	3-24	500
28-12350-5	3-2	110	28-12419-1	3-24	520
28-12353-1	3-2	70	28-12420-11	3-24	580
28-12354-1	3-2	20	28-12420-11	11-21	230
28-12354-2	3-2	20	28-12420-13	3-24	570
28-12357-1	3-1	100	28-12420-13	11-21	240
28-12357-1	3-2	50	28-12420-15	3-24	560
28-12358-1	3-2	200	28-12420-15	11-21	250
28-12359-11	3-3	–	28-12421-1	3-24	–
28-12359-13	3-3	–	28-12422-1	3-24	30
28-12360-1	3-3	190	28-12424-1	3-24	610

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-12424-1	11-21	260	28-12462-3	3-23	590
28-12425-1	11-21	270	28-12463-1	3-23	480
28-12425-1	3-24	620	28-12464-3	3-23	60
28-12426-1	11-21	280	28-12470-11	11-8	335
28-12427-1	11-21	290	28-12470-11	11-9	265
28-12428-1	11-21	300	28-12470-11	11-15	–
28-12429-3	3-24	11	28-12470-11	11-15	–
28-12429-4	3-24	21	28-12470-11	11-7	710
28-12433-1	3-24	600	28-12471-11	11-8	445
28-12433-1	11-21	310	28-12471-11	11-9	350
28-12433-1	11-21	70	28-12471-11	11-15	–
28-12433-13	11-21	320	28-12471-11	11-7	940
28-12433-2	3-24	600	28-12472-11	11-8	345
28-12433-2	11-21	310	28-12472-11	11-9	275
28-12433-21	11-21	80	28-12472-11	11-15	–
28-12436-1	3-24	400	28-12472-11	11-7	700
28-12436-1	3-24	410	28-12473-11	11-8	435
28-12437-1	3-24	420	28-12473-11	11-9	345
28-12437-3	3-24	420	28-12473-11	11-15	–
28-12438-1	3-24	210	28-12473-11	11-15	–
28-12438-3	3-24	210	28-12473-11	11-7	920
28-12439-1	3-24	330	28-12474-11	11-8	450
28-12440-1	3-24	110	28-12474-11	11-9	360
28-12441-1	3-24	390	28-12474-11	11-15	–
28-12441-3	3-24	390	28-12474-11	11-7	960
28-12450-11	3-24	590	28-12475-11	11-8	440
28-12450-11	11-21	330	28-12475-11	11-9	355
28-12450-13	3-24	590	28-12475-11	11-15	–
28-12450-13	11-21	340	28-12475-11	11-7	930
28-12451-1	3-24	370	28-12478-11	3-24	630
28-12452-1	3-24	290	28-12479-11	11-21	90
28-12453-1	3-24	280	28-12480-1	3-23	540
28-12456-1	3-24	400	28-125000-11	3-28	–
28-12457-1	3-24	410	28-12500-1	3-27	–
28-12458-1	3-24	330	28-125007	10-1	1
28-12459-1	3-24	370	28-125007	10-2	1
28-12460-1	3-24	340	28-125008-1	3-8	160
28-12461-1	3-23	340	28-125011-1	3-29	10
28-12461-3	3-23	600	28-125011-31	3-29	40
28-12462-1	3-23	230	28-125011-33	3-29	50

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-125011-49	3-29	50	28-12575-1	3-3	160
28-125011-5	3-29	30	28-12575-1	3-3	340
28-125016-11	3-28	–	28-12576-1	3-3	280
28-125017-1	3-28	180	28-12577-1	3-28	130
28-125082-1	3-29	20	28-12577-1	3-3	–
28-125082-3	3-29	20	28-12600-4	3-18	80
28-125082-3	3-8	–	28-12600-4	3-19	160
28-12545-3	3-28	–	28-126004-1	3-19	10
28-12546-11	3-28	30	28-126004-11	3-19	–
28-12546-11	3-28	90	28-126005-1	3-19	50
28-12550-101	3-28	120	28-126006-1	3-19	20
28-12550-109	3-28	10	28-126007-17	3-20	240
28-12550-113	3-28	60	28-126007-3	3-20	240
28-12550-115	3-28	70	28-126007-3	3-20A	240
28-12550-3	3-28	80	28-126007-3	3-20B	240
28-12550-5	3-28	20	28-126007-5	3-20	220
28-12551-13	3-28	270A	28-126007-5	3-20A	220
28-12551-15	3-28	270	28-126007-5	3-20B	220
28-12551-17	3-28	270	28-126007-7	3-20	220
28-12551-19	3-28	270	28-126008-1	3-20	330
28-12551-21	3-28	270	28-126008-1	3-20A	330
28-12551-21	3-28	270	28-126008-1	3-20B	330
28-12552-3	3-28	190	28-126008-3	3-20	330
28-12552-5	3-28	190	28-126008-3	3-20A	330
28-12554-101	3-28	231B	28-126008-3	3-20B	330
28-12554-103	3-28	231A	28-12601-1	3-21	10
28-12554-7	3-28	231D	28-12603-1	3-21	–
28-12554-9	3-28	231C	28-12603-3	3-21	–
28-12555-1	3-28	240A	28-12603-4	3-21	–
28-12555-7	3-28	240	28-12605-1	3-21	–
28-12555-7	3-28	240	28-12607-101	3-20	230
28-12555-7	3-28	240	28-12607-101	3-20A	230
28-12555-7	3-28	240	28-12607-101	3-20B	230
28-12560-1	3-28	260	28-12607-13	3-20	250
28-12560-1	3-28	260	28-12607-13	3-20A	250
28-12560-1	3-28	260	28-12607-13	3-20B	250
28-12560-1	3-28	260	28-12607-6	3-20	250
28-12561-1	3-28	130	28-12607-6	3-20A	250
28-12570-3	3-28	370	28-12607-6	3-20B	250
28-12574-11	3-28	210	28-12607-8	3-20	230

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-12607-8	3-20A	230	28-12613-4	3-20	270
28-12607-8	3-20B	230	28-12613-4	3-20A	270
28-12607-9	3-20	250	28-12613-4	3-20B	270
28-12608-1	3-18	100	28-12613-5	3-20	260
28-12608-3	3-18	—	28-12613-5	3-20A	260
28-12608-4	3-18	—	28-12613-5	3-20B	260
28-12608-4	3-20	—	28-12614-1	3-20	290
28-12608-4	3-20A	—	28-12614-1	3-20A	290
28-12608-4	3-20B	—	28-12614-1	3-20B	290
28-12609-1	3-18	90	28-12615-1	3-20	300
28-12609-11	3-20	—	28-12615-1	3-20A	300
28-12609-11	3-20A	—	28-12615-1	3-20B	300
28-12609-3	3-18	90	28-12616-1	3-20	280
28-12609-3	3-20	310	28-12616-1	3-20A	280
28-12609-3	3-20A	310	28-12616-1	3-20B	280
28-12609-3	3-20B	310	28-12617-1	3-20	320
28-12609-5	3-20	310	28-12617-13	3-20	—
28-12609-5	3-20A	310	28-12617-13	3-20A	—
28-12609-5	3-20B	310	28-12617-13	3-20B	—
28-12609-6	3-20	—	28-12617-14	3-20	—
28-12609-6	3-20A	—	28-12617-14	3-20A	—
28-12610-12	3-20	170	28-12617-14	3-20B	—
28-12610-12	3-20A	170	28-12617-1	3-20A	320
28-12610-12	3-20B	170	28-12617-1	3-20B	320
28-12610-13	3-20	180	28-12618-1	3-6	220
28-12610-13	3-20A	180	28-12618-1	3-7	190
28-12610-13	3-20B	180	28-12618-13	3-7	200
28-12610-3	3-20	10	28-12618-5	3-6	220
28-12610-3A	3-20	—	28-12618-5	3-7	190
28-12610-3A	3-20A	—	28-12619-1	3-20	480
28-12611-1	3-18	20	28-12619-1	3-20A	480
28-12611-4	3-18	60	28-12619-1	3-20B	480
28-12611-5	3-18	30	28-12619-4	3-20	—
28-12611-5	3-19	—	28-12619-4	3-20A	—
28-12611-5	3-20	150	28-12619-4	3-20B	—
28-12611-5	3-20A	150	28-12619-5	3-20	—
28-12611-5	3-20B	150	28-12619-5	3-20A	—
28-12611-8	3-18	50	28-12619-5	3-20B	—
28-12612-1	3-18	70	28-12620-1	3-20	190
28-12613-1	3-18	10	28-12620-1	3-20A	190

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-12620-1	3-20B	190	28-12651-11	3-20B	—
28-12621-1	3-18	—	28-12651-13	3-20	—
28-12621-1	3-20	—	28-12651-13	3-20A	—
28-12621-1	3-20A	—	28-12651-13	3-20B	—
28-12621-1	3-20B	—	28-12652-13	3-20	—
28-12623-1	3-6	180	28-12652-13	3-20A	—
28-12624-1	3-6	210	28-12652-5	3-20	—
28-12624-1	3-7	200	28-12652-5	3-20	—
28-12625-1	3-6	190	28-12653-13	3-20	—
28-12626-1	3-6	200	28-12653-13	3-20A	—
28-12626-1	3-7	270	28-12653-5	3-20	—
28-12626-13	3-6	200	28-12654-11	3-7	220
28-12626-13	3-7	270	28-12654-13	3-7	230
28-12628-11	3-20	290	28-12655-1	3-20B	50
28-12629-11	3-20	280	28-12655-3	3-20A	50
28-12642-1	3-21	—	28-12655-3	3-20B	50
28-12644-1	3-21	—	28-12655-5	3-20	50
28-12645-1	3-20B	200	28-12655-5	3-20A	50
28-12646-11	3-20A	—	28-12656-1	3-20B	30
28-12646-11	3-20B	—	28-12656-3	3-20	30
28-12646-13	3-20	—	28-12656-3	3-20A	30
28-12646-13	3-20A	—	28-12658-11	3-20B	—
28-12646-13	3-20B	—	28-12659-1	3-20	130
28-12646-15	3-20	—	28-12659-13	3-20B	—
28-12646-15	3-20A	—	28-12659-15	3-20	130
28-12646-15	3-20B	—	28-12659-15	3-20A	130
28-12646-17	3-20	—	28-12659-16	3-20A	140
28-12646-17	3-20A	—	28-12659-17	3-20	140
28-12646-17	3-20B	—	28-12659-17	3-20A	140
28-12646-21	3-20	—	28-12662-1	3-20	60
28-12647-1	3-20A	200	28-12662-1	3-20A	60
28-12647-1	3-20B	200	28-12662-11	3-20B	60
28-12647-3	3-20	200	28-12662-13	3-20A	60
28-12647-5	3-20	200	28-12662-13	3-20B	60
28-12648-1	3-19	70	28-12663-11	3-20B	—
28-12649-1	3-19	60	28-12664-11	3-7	240
28-12650-1	3-20	—	28-12666-1	3-20B	—
28-12650-1	3-20B	—	28-12666-1	3-20B	110
28-12650-11	3-20B	—	28-12666-3	3-20	110
28-12650-17	3-20B	—	28-12666-3	3-20A	110

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-12666-3	3-20B	110	28-12683-13	3-20B	—
28-12667-11	3-20	—	28-12683-15	3-20B	—
28-12667-11	3-20B	—	28-12683-3	3-20B	—
28-12667-13	3-20B	—	28-12683-3	3-20B	100
28-12668-11	3-20	—	28-12684-11	3-20B	—
28-12668-11	3-20A	—	28-12684-11	3-20B	—
28-12668-11	3-20B	—	28-12685-11	3-20B	—
28-12668-13	3-20B	—	28-12685-13	3-20B	—
28-12669-11	3-20B	—	28-12686-11	3-20	490
28-12674-1	3-20B	70	28-12686-11	3-20A	490
28-12675-1	3-20B	10	28-12686-11	3-20B	490
28-12675-3	3-20A	10	28-12687-1	3-20	120
28-12676-1	3-20B	—	28-12687-1	3-20A	120
28-12676-3	3-20B	—	28-12687-1	3-20B	120
28-12676-5	3-20B	—	28-12688-1	3-20A	70
28-12676-7	3-20A	—	28-12688-13	3-20A	—
28-12676-9	3-20A	—	28-12688-15	3-20A	—
28-12676-901	3-20	—	28-12688-17	3-20A	—
28-12677-1	3-20B	160	28-12688-19	3-20A	—
28-12677-3	3-20B	160	28-12688-25	3-20A	—
28-12678-11	3-20B	—	28-12688-29	3-20	—
28-12679-1	3-20B	130	28-12688-29	3-20A	—
28-12679-3	3-20B	130	28-12688-3	3-20A	70
28-12681-1	3-20B	80	28-12688-5	3-20	70
28-12681-3	3-20B	80	28-12688-5	3-20A	70
28-12681-5	3-20	80	28-12689-11	3-20	160
28-12681-5	3-20A	80	28-12689-11	3-20A	160
28-12682-11	3-20	90	28-127000-1	10-1	—
28-12682-11	3-20A	90	28-127000-11	10-1	3
28-12682-11	3-20B	90	28-127000-11	10-2	3
28-12682-13	3-20B	—	28-127001	10-2	—
28-12683-1	3-20	100	28-127002-1	10-4	—
28-12683-1	3-20A	100	28-127002-9	10-4	—
28-12683-1	3-20B	100	28-127002-3	10-3	—
28-12683-11	3-20	—	28-127002-5	10-4	—
28-12683-11	3-20A	—	28-12701-3	10-1	15
28-12683-11	3-20B	—	28-12701-4	10-1	12
28-12683-13	3-20	—	28-12701-4	10-2	13
28-12683-13	3-20A	—	28-12701-5	10-1	5
28-12683-13	3-20B	—	28-12701-5	10-2	5

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-12705	10-1	16	28-13101-1-R	5-6	10
28-12705	10-3	19	28-13101-5-R	5-6	10
28-12706	10-1	14	28-13107-13	5-6	210
28-12706	10-2	15	28-13107-15	5-6	210
28-12706-1	7-9	230	28-13117-4	5-7	20
28-12706-11	3-5A	10	28-13117-5	5-7	30
28-12706-11	7-9	230	28-13117-6	5-7	45
28-12714	10-1	9	28-13117-7	5-7	50
28-12714	10-2	10	28-13117-8	5-7	35
28-12718	10-1	10	28-13117-9	5-7	40
28-12718	10-2	11	28-13120-1	5-6	150
28-12719	8-5	–	28-13122-1	5-7	10
28-12719-11	8-5	590	28-13122-991	5-7	–
28-12719-12	8-5	–600	28-13129-13	5-4	280
28-127502-1	10-4	340	28-13134-5	5-6	180
28-127508-1	10-3	10	28-13137-1	5-6	60
28-127508-1	10-4	280	28-13137-11	5-6	60
28-127509-1	10-3	5	28-13142-1	5-4	180
28-127509-1	10-4	120	28-13145-1	12-1	–190
28-127510-1	10-3	3	28-13145-1	4-4	300
28-127510-1	10-4	100	28-13148-1	5-6	70
28-127520-11	10-3	2	28-13149-1	5-6	80
28-127520-11	10-4	20	28-13170-103	5-6	10
28-127520-13	10-3	1	28-13170-3-R	5-6	10
28-127520-13	10-4	10	28-13170-7-R	5-6	10
28-127520-15	10-4	30	28-13170-900	5-6	10
28-127520-17	10-2	25	28-13170-903	5-4	240
28-127520-17	10-4	360	28-13170-905	5-4	–
28-127520-19	10-2	26	28-13170-909	5-6	10
28-127520-19	10-4	350	28-13170-9-R	5-6	10
28-127520-25	10-3	16	28-13177-1	5-6	100
28-127520-29	10-4	10	28-13180-11	5-4	270
28-127521-11	10-3	11	28-13181-11	5-4	300
28-127521-11	10-4	290	28-13182-1	5-4	330
28-127523-1	10-4	120	28-13182-11	5-4	330
28-127524-1	10-4	280	28-13184-11	5-4	350
28-12816-1	11-21	350	28-132001-11	5-4	100
28-12830-11	11-21	100	28-132001-13	5-4	100
28-12830-11	7-5	170	28-132005-1	5-3	–
28-13005-1	5-6	260	28-132005-11	5-3	490

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-132005-3	5-3	–	28-13255-1	5-2	130
28-132006-11	5-3	530	28-13256-1	5-2	70
28-132008-11	5-3	380	28-13259-4	5-1	60
28-132009-11	5-3	540	28-13259-4	5-2	–
28-132010-13	5-4	100	28-13260-1	5-1	380
28-132020-901	5-1	–	28-13263-1	5-2	150
28-132020-903	5-3	–	28-13264-1	5-1	80
28-132020-904	5-3	–	28-13265-1	5-1	100
28-132022-1	5-1	–	28-13266-1	5-1	160
28-132022-11	5-1	330	28-13266-15	5-1	200
28-132022-2	6-11	200	28-13267-1	5-1	190
28-132022-3	6-11	200	28-13267-11	5-1	210
28-13210-13	5-4	110	28-13268-1	5-1	30
28-13211-1	5-4	70	28-13269-1	5-1	140
28-13212-1	5-4	30	28-13271-1	5-4	190
28-13215-1	5-4	250	28-13273-1	5-4	100
28-13215-3	5-4	250	28-13273-13	5-4	100
28-13227-5	5-4	10	28-13274-1	5-1	180
28-13229-1	5-3	10	28-13276-1	5-5	320
28-13230-1	5-3	20	28-13277-1	5-1	40
28-13231-3	5-4	170	28-13278-1	5-3	310
28-13231-4	5-4	170	28-13279-1	5-2	120
28-13231-5	5-4	170	28-13280-3	5-1	230
28-13231-6	5-4	170	28-13280-4	5-1	240
28-13231-7	3-21	60	28-13281-3	5-4	420
28-13231-7	5-4	170	28-13281-4	5-4	420
28-13232-1	5-6	40	28-13281-5	5-4	420
28-13233-1	5-3	70	28-13282-3	5-3	290
28-13234-1	5-3	80	28-13282-4	5-3	290
28-13238-1	5-3	110	28-13282-5	5-3	290
28-13238-1	5-6	30	28-13283-1	5-1	90
28-13245-901	5-3	230	28-13284-1	5-1	430
28-13246-1	5-3	260	28-13285-4	5-5	340
28-13248-1	5-3	250	28-13285-5	5-1	250
28-13250-1	5-2	20	28-13285-6	5-1	50
28-13250-11	5-2	20	28-13285-7	5-1	170
28-13251-1	5-2	30	28-13292-1	5-3	50
28-13252-1	5-2	80	28-13292-4	5-3	60
28-13253-1	5-2	10	28-13296-1	5-3	280
28-13254-1	5-2	40	28-13297-1	5-3	240

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-13299-1	5-3	420	28-13605-5	12-3	60
28-13299-3	5-3	420	28-13605-5	7-5	-440A
28-13300-13	5-4	100	28-13605-6	12-3	60
28-13302-1	5-4	430	28-13605-6	7-5	-440B
28-13302-11	5-4	430	28-13605-7	12-3	60
28-13302-13	5-4	430	28-13605-7	7-5	-440C
28-13303-11	5-4	300	28-13605-8	12-3	60
28-13305-1	5-4	40	28-13605-8	7-5	-440D
28-13306-1	5-4	150	28-13606-1	12-3	40
28-13313-1	5-3	140	28-13607-1	12-2	40
28-13316-1	5-3	170	28-13611-1	12-3	10
28-13316-913	5-3	180	28-13613-1	12-2	20
28-13318-1	5-3	340	28-13613-901	12-2	-20A
28-13318-7	5-3	340	28-13614-1	12-2	30
28-13319-1	5-4	60	28-13614-1	5-6	248
28-13321-11	5-4	430	28-13614-1DR	12-2	-30A
28-13321-13	5-4	430	28-13617-902	12-3	-5
28-13321-15	5-4	430	28-13617-903	12-2	-5
28-13321-17	5-4	430	28-13617-905	12-2	-5A
28-13322-11	5-4	300	28-13618-1	12-2	10
28-13323-11	5-4	280	28-13619-1	12-2	140
28-13401-4	5-4	200	28-13621-11	12-2	150
28-135003-1	12-1	30	28-13621-13	12-2	150
28-135003-11	12-1	30	28-13623-11	12-2	50A
28-13511-11	12-1	180	28-13623-13	12-2	50B
28-13515-3	12-1	50	28-13623-17	12-2	50C
28-13525-5	12-1	-10	28-13623-25	12-2	60A
28-13525-7	12-1	10A	28-13623-27	12-2	60B
28-13525-7	12-5	510	28-13623-29	12-2	60C
28-13531-11	12-1	140	28-13623-31	12-2	60D
28-13532-11	12-1	160	28-14004-1	4-1	380
28-13600-3	12-2	60A	28-14006-11	4-1	280
28-13600-4	12-2	60B	28-14006-13	4-1	280
28-13600-5	12-2	60C	28-14006-15	4-1	280
28-13600-6	12-2	50A	28-14006-17	4-1	280
28-13600-7	12-2	50B	28-14006-19	4-1	280
28-13600-8	12-2	50C	28-14006-3	4-1	280
28-13605-3	12-3	60	28-14006-5	4-1	280
28-13605-4	12-3	60	28-14006-7	4-1	280
28-13605-4	7-5	440	28-14006-9	4-1	280

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-14007-1	4-2	250	28-14233-3	4-3	60
28-14007-3	4-2	250	28-14234-9	4-2	–
28-14008-1	4-1	370	28-14234-901	4-2	–
28-14009-1	4-1	350	28-14234-909	4-2	–
28-14009-2	4-1	350	28-14235-1	4-1	360
28-14009-3	4-1	350	28-14236-1	4-1	220
28-14009-5	4-1	350	28-14236-1	4-1	270
28-14019-10	4-3	40	28-14236-1	4-3	30
28-14019-2	4-3	40	28-14239-1	4-2	210
28-14019-3	4-3	40	28-14239-11	4-2	–
28-14019-5	4-3	40	28-14239-3	4-2	–
28-14019-6	4-3	40	28-14239-5	4-2	210
28-14100-9	4-2	240	28-14240-1	4-2	20
28-14109-1	4-2	380	28-14244-1	4-1	80
28-14110-1	4-2	–	28-14248-1	5-3	510
28-14110-2	4-2	–	28-14250-1	4-1	–
28-14110-3	4-2	–	28-14250-1	8-4	40
28-14117-1	4-1	200	28-14250-3	8-4	50
28-14117-11	4-1	200	28-14251-1	4-1	230
28-14119-11	4-2	242	28-14251-2	4-1	240
28-14120-11	12-9	90	28-14256-1	4-1	290
28-14120-11	12-10	110	28-14257-1	4-1	300
28-14121-11	12-10	120	28-14259-1	4-3	150
28-14141-913	4-2	370	28-14259-3	8-4	160
28-14202-1	4-1	40	28-14259-3	8-5	480
28-14207-1	8-4	30	28-14261-1	4-2	100
28-14207-101	8-4	30	28-14262-1	8-4	80
28-14207-7	8-4	30	28-14265-3	4-4	100
28-14219-3	4-1	–	28-14268-1	4-4	–
28-14219-7	4-1	–	28-14270-1	4-2	–
28-14219-901	4-1	–	28-14270-1	11-21	360
28-14223-1	4-1	100	28-14276-1	4-4	20
28-14224-1	4-1	70	28-14277-1	4-4	30
28-14224-3	4-1	130	28-14278-1	4-2	330
28-14227-1	4-1	180	28-14278-1	8-4	10
28-14227-11	4-3	10	28-14279-1	4-2	150
28-14228-1	4-1	170	28-14279-3	4-2	150
28-14228-15	4-1	170	28-14280-1	4-1	90
28-14231-1	4-2	50	28-14280-3	4-1	90
28-14233-2	4-3	60	28-14280-5	4-1	90

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-14281-1R	4-1	120	28-14375-7	4-4	–
28-14281-3	4-1	120	28-14375-905	4-4	–
28-14281-5	4-1	120	28-14375-906	4-4	–
28-14282-11	4-2	10	28-14381-901	4-2.1	100
28-14282-13	4-2	10	28-14381-902	4-2.1	60
28-14283-1	4-2	280	28-14381-903	4-2	–
28-14290-3	4-1	110	28-14382-19	4-2.1	160
28-14290-5	4-1	110	28-14382-21	4-2.1	90
28-14290-7	4-1	110	28-14383-13	4-2.1	-70
28-14290-9	4-1	110	28-14384-13	4-2.1	-120
28-14293-11	4-2	180	28-14385-15	4-2.1	10
28-14293-13	4-2	180	28-14386-5	4-2.1	40
28-14293-7	4-2	180	28-14389-11	4-2.1	-110
28-14293-9	4-2	180	28-14389-13	4-2.1	-80
28-14311-1	4-2	70	28-150000-10	12-10	–
28-14313-1	4-2	130	28-150000-7	12-10	–
28-14320-15	4-2	170	28-150001-5	12-13	200
28-14335-1	4-2	190	28-150001-5	12-10	10
28-14356-5	4-4	121	28-150001-5	12-11	180
28-14357-3	4-4	10	28-150001-5	12-12	190
28-14357-5	4-4	10	28-150014-14	12-10	90
28-14358-3	4-4	50	28-150015-11	12-10	60
28-14358-4	4-4	120	28-150016-11	12-10	50
28-14359-15	4-4	20	28-15002-1	12-9	30
28-14359-17	4-4	30	28-150026-11	12-10	80
28-14366-1	4-4	210	28-150033-1	12-10	–
28-14367-7	4-4	220	28-150044-5	12-13	210
28-14368-1	6-11	280	28-150044-5	12-11	190
28-14368-2	4-4	230	28-150046-1	12-10	70
28-14369-1	4-4	270	28-150048-1	12-10	260
28-14370-15	4-4	60	28-150050-2	12-11	–
28-14370-17	4-4	60	28-15005-1	12-9	170
28-14371-1	4-4	80	28-150051-1	12-11	70
28-14372-1	4-4	70	28-150053-1	12-11	120
28-14372-3	4-4	70	28-150055	12-10	–
28-14374-13	11-21	370	28-150055-1	12-13	150
28-14374-15	4-4	290	28-150055-1	12-11	290
28-14374-15	11-21	370	28-150055-1	12-12	140
28-14375-101	4-4	–	28-150055-13	12-13	150
28-14375-105	4-4	–	28-150055-15	12-13	–150A

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-150060-11	12-13	120	28-150078-10	12-13	80
28-150060-11	12-10	-70A	28-150078-12	12-13	80
28-150060-11	12-11	160	28-150078-13	12-13	80
28-150060-11	12-12	110	28-150078-15	12-13	80
28-150062-11	12-11	90	28-150079-1	12-13	–
28-150062-13	12-11	90	28-150079-5	12-13	–
28-150063-11	12-13	130	28-150079-5	12-5	460
28-150063-11	12-10	–	28-150079-901	12-13	–
28-150063-11	12-11	280	28-15013-1	12-9	240
28-150063-11	12-12	120	28-15017-1	12-9	110
28-150063-13	12-13	–130A	28-15018-3	12-9	–
28-150064-11	12-11	60	28-15027-10	12-9	180
28-150066-11	12-11	140	28-15028-1	12-5	–
28-150067-11	12-12	20	28-15028-1	12-11	30
28-150067-13	12-12	–20A	28-15028-1	12-12	280
28-150067-15	12-13	20	28-15028-1	12-13	310
28-150070-11	12-12	40	28-15030-1	12-13	310
28-150070-13	12-12	–40A	28-15030-1	12-5	470
28-150072-1	12-12	60	28-15030-1	12-11	–
28-150072-10	12-12	60	28-15030-1	12-12	–
28-150072-11	12-12	90	28-15033-1	12-11	240
28-150072-2	12-12	60	28-15033-11	12-11	240
28-150072-20	12-12	60	28-15033-13	12-12	180
28-150072-21	12-12	70	28-15033-5	12-13	190
28-150072-3	12-12	60	28-15202-13	12-9	40
28-150072-5	12-12	60	28-15203-1	12-10	140
28-150072-7	12-12	60	28-15203-3	12-9	60
28-150073-1	12-12	–	28-15203-4	12-9	60
28-150073-5	12-12	–	28-15203-5	12-9	60
28-150074-11	12-12	10	28-15203-6	12-9	60
28-150074-13	12-13	10	28-15206-1	12-9	50
28-150075-11	12-12	–30A	28-15206-1	12-10	150
28-150076-1	12-13	90	28-16005-1	8-15	20
28-150076-13	12-13	70	28-16006-1	3-10	320
28-150076-15	12-13	40	28-16007-3	8-15	30
28-150076-17	12-13	30	28-16011-1	3-11	500
28-150076-19	12-13	60	28-16011-1	8-15	60
28-150076-21	12-13	90	28-16019-1	8-14	50
28-150077-1	12-13	–	28-16021-11	3-11	370
28-150077-11	12-13	–	28-16021-11	3-11	370

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-16022-1	8-15	130	28-16070-105	9-4	125
28-16022-11	3-11	490	28-16070-5	9-1	2C
28-16022-11	3-13	10	28-16070-5	9-3	520
28-16022-11	8-15	130	28-16070-7	9-1	2B
28-16023	8-20	—	28-16070-7	9-4	120
28-16023-4	8-19	—	28-16070-9	9-1	2C
28-16023-7	8-15	10	28-16070-9	9-3	520
28-16024	8-3	—	28-16074-11	3-11	280
28-16024	8-5	—	28-16080	8-20	—
28-16024	8-6	—	28-16080-103	8-14	—
28-16024	8-6A	—	28-16080-103	8-15	—
28-16024	8-8	—	28-16080-105	8-14	—
28-16024-911	8-5A	—	28-16080-105	8-15	—
28-16024-912	8-5A	—	28-16080-105	8-16	—
28-16026-1	8-5	—180A	28-16080-105	8-17	—
28-16026-3	8-5	—180B	28-16080-9	8-14	—
28-16026-5	8-5	—180C	28-16080-9	8-15	—
28-16026-7	8-5	—180D	28-16080-901	3-11	—
28-16026-9	8-5	—180E	28-16083-1	8-21	—50
28-16029-1	8-19	130	28-16087-11	3-11	290
28-16029-2	8-14	—	28-16087-13	3-11	390
28-16029-3	8-14	—	28-16088-13	3-11	50
28-16029-5	8-14	—	28-16096-1	3-11	10
28-16030-1	6-14	—	28-16096-3	3-11	10
28-16030-3	6-14	—	28-16098-11	3-11	170
28-16032-11	8-15	50	28-16099-1	9-1	2D
28-16039-1	8-14	—10	28-16101-101	8-1	—
28-16039-3	8-14	10	28-16101-105	8-4	—
28-16042-11	8-14	20	28-16101-107	8-3A	—
28-16042-11	8-15	40	28-16103-1	8-3A	50
28-16043-13	8-3A	280	28-16105-1	8-3A	30
28-16043-15	8-3A	300	28-16106-2	8-3A	70
28-16043-19	8-3A	140	28-16108-11	8-3A	90
28-16056-1	8-5A	50	28-16108-2	8-3A	90
28-16057-1	8-5A	110	28-16109-1	8-3A	230
28-16069-3	9-4	—	28-16109-11	8-3A	230
28-16069-5	9-3	—	28-16109-13	8-3A	240
28-16070-101	9-1	2B	28-16110-1	8-3A	160
28-16070-101	9-4	120	28-16112-15	8-3A	190
28-16070-103	9-4	120	28-16112-17	8-3A	190

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-16113-1	8-3A	210	28-16156-1	12-5	–
28-16114-1	8-13	10	28-16156-1	12-5	–
28-16116-1	8-1	220	28-16157-3	8-20	50
28-16116-11	8-1	220	28-16157-3	8-5	400
28-16119-3	8-1	80	28-16157-3	12-5	330
28-16119-5	8-1	80	28-16157-4	8-5	500
28-16123-1	8-1	10	28-16158-1	8-5	70
28-16123-11	8-1	10	28-16159-1	8-5	80
28-16124-1	8-2	40	28-16160-1	8-5	110
28-16125-3	8-3A	110	28-16160-7	8-5	110
28-16125-4	8-3A	120	28-16160-7	8-6A	70
28-16125-5	8-3A	130	28-16162-1	8-18	70
28-16126-1	8-3A	200	28-16162-1	8-19	80
28-16129-2	8-2	30	28-16162-1	8-21	50
28-16131-1	8-3A	220	28-16163	8-18	230
28-16131-11	8-3A	220	28-16163-1	8-13	40
28-16132-1	8-3A	–	28-16168-1	3-10	160
28-16132-3	8-3A	340	28-16168-1	8-13	80
28-16132-4	8-3A	330	28-16169-1	8-12	20
28-16133-1	8-3A	350	28-16169-1	8-13	140
28-16136-1	8-5	–	28-16170-5	8-13	–
28-16136-101	8-5	–	28-16179-1	8-20	130
28-16136-103	8-5	–	28-16179-2	8-20	–130
28-16136-5	8-5	–	28-16180-1	8-18	210
28-16143-1	8-3A	380	28-16180-1	8-19	170
28-16143-3	8-3A	380	28-16181	8-18	130
28-16145-1	8-5	220	28-16182	8-18	150
28-16148-1	8-5A	40	28-16183-1	8-5A	10
28-16148-3	8-5A	40	28-16183-901	8-5A	10
28-16150-1	8-5A	30	28-16186-1	8-19	10
28-16153-1	12-5	–	28-16186-3	8-19	10
28-16153-1	12-5	–	28-16189-1	8-14	150
28-16154-1	12-5	200	28-16189-1	8-20	120
28-16155-4	8-5	120	28-16190-1	8-5	50
28-16155-4	8-6A	100	28-16191-1	8-5	60
28-16155-5	8-5	90	28-16192-1	8-5	100
28-16156-1	8-18	140	28-16194-5	8-14	60
28-16156-1	8-20	100	28-16197-1	8-3	160
28-16156-1	8-3	120	28-16197-1	8-5	10
28-16156-1	8-5	30	28-16198-1	8-3	130

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-16198-1	8-5	40	28-16214-1	8-18	190
28-16200	8-18	–	28-16214-1	8-19	150
28-16200	8-20	–	28-16215-1	3-10	360
28-16200-10	8-12	–	28-16215-1	11-21	380
28-16200-101	8-13	–	28-16216-3	8-18	90
28-16200-4	8-18	50	28-16216-3	8-19	90
28-16200-4	8-19	60	28-16217-11	8-5	360
28-162004-11	8-11	260A	28-16217-13	8-5	–360A
28-16201-1	8-3A	470	28-16217-15	8-5	–360B
28-16201-1	8-9	330	28-16217-17	8-5	–360C
28-16201-1	8-10	330	28-16217-19	8-5	–360D
28-16202-1	8-20	110	28-16217-21	8-5	–360E
28-16202-1	8-5	540	28-16217-23	8-5	–360F
28-16203-1	8-11	170	28-16218-1	8-5	20
28-16203-1	8-3A	480	28-16219-1	8-3	140
28-16203-1	8-4	60	28-16220-1	8-5	300
28-16203-1	8-8	80	28-16220-5	8-5	300
28-16204-1	8-18	120	28-16222-1	8-11	260
28-16204-1	8-19	120	28-16223-19	8-1	210
28-162040-11	8-7	40	28-16224-5	8-1	230
28-162041-1	8-7	–10	28-16225-19	8-1	240
28-162041-2	8-7	–10	28-16226-5	8-1	200
28-162042-11	8-7	30	28-16227-1	8-21	30
28-162043-1	8-7	10	28-16227-3	8-1	160
28-162043-1	8-9	–	28-16228-1	8-1	50
28-162043-3	8-9	–	28-16229-13	8-11	250
28-16205-1	8-5	290	28-16229-15	8-11	250
28-16205-5	8-5	290	28-16230-1	8-11	240
28-16206-11	8-4	20	28-16231-1	8-11	280
28-16208-1	8-14	140	28-16232-1	8-11	30
28-16208-1	8-20	10	28-16233-1	8-11	180
28-16209-1	8-5	490	28-16234-1	8-11	80
28-16209-11	8-5	–490A	28-16235-1	8-11	120
28-16210-3	8-5	530	28-16235-11	8-11	120
28-16210-3	7-5	930	28-16236-1	8-11	220
28-16210-4	8-20	90	28-16236-15	8-11	220
28-16211-1	8-20	40	28-16236-17	8-11	220
28-16211-1	8-5	390	28-16237-1	8-11	230
28-16211-1	8-8	130	28-16237-11	8-11	230
28-16211-1	7-5	–940	28-16237-13	8-11	230

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-16238-3	8-11	290	28-16290-2	8-6A	10
28-16238-5	8-11	290	28-16291-1	8-6	90
28-16238-7	8-11	290	28-16291-1	8-6A	30
28-16239-1	8-11	40	28-16292-11	8-6A	—
28-16239-101	8-11	40	28-16293-2	8-6	—
28-16239-5	8-11	40	28-16293-2	8-6A	—
28-16239-9	8-11	40	28-16294-1	8-6	10
28-16242-1	8-11	—320	28-16294-1	8-6A	80
28-16242-5	8-11	—350	28-16294-13	8-6A	80
28-16242-7	8-11	—340	28-16295-1	8-6	—
28-16242-901	8-11	—310	28-16296-11	11-21	390
28-16242-907	8-11	—330	28-16300	12-7	—5
28-16246	8-12	30	28-16300	12-9	—
28-16249	8-12	70	28-16301-3	12-8	10A
28-16250-1	8-12	—	28-16301-4	12-7	10
28-16253-1	8-3A	460	28-16301-4	12-8	10B
28-16253-101	8-3A	420	28-16301-7	12-7	10A
28-16253-103	8-3A	420	28-16301-7	12-8	10C
28-16253-105	8-3A	460	28-16302-1	12-7	80
28-16253-6	8-3A	450	28-16307-1	12-7	110
28-16253-8	8-3A	450	28-16308-1	12-7	40
28-16258-1	8-11	200	28-16308-1	12-7	180
28-16259-1	8-3A	20	28-16308-1	12-8	210
28-16260-1	8-3A	10	28-16308-1	12-5	520
28-16261	8-13	—	28-16309-1	12-7	170
28-16261-1	8-12	10	28-16310-2	12-7	30
28-16263-5	8-1	170	28-16310-2	12-8	200
28-16264-1	8-3A	40	28-16310-2	12-5	530
28-16275-1	8-21	60	28-16311-1	12-7	20
28-16276-1	8-21	40	28-16311-1	12-7	165
28-16283-2	8-6	80	28-16311-1	12-8	—30
28-16283-2	8-6A	20	28-16311-1	12-8	—170
28-16283-4	8-5	340	28-16311-1	12-8	—190
28-16283-4	8-6	20	28-16311-1	5-3	350
28-16283-4	8-7	20	28-16313-1	12-7	160
28-16284-1	8-5	330	28-16313-1	12-8	150
28-16284-1	8-6	30	28-16313-1	12-5	620
28-16284-1	8-6A	90	28-16314-1	12-7	230
28-16290-2	8-5	320	28-16314-1	12-8	180
28-16290-2	8-6	70	28-16314-1	12-5	610

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-16315-1R	12-7	230A	28-16345-1	12-5	650
28-16317-1R	12-7	160A	28-16345-11	12-5	650
28-16319-1	12-7	210	28-16345-11	12-6	130
28-16319-1	12-8	-160	28-16348-1	9-5	20
28-16320-1	12-7	120	28-16348-1	12-5	410
28-16321-1	12-5	60	28-16349-1	12-5	270
28-16321-101	12-5	-60A	28-16351-1	12-5	450
28-16321-103	12-5	-60B	28-16352-1	12-5	660
28-16321-105	12-5	-60C	28-16353-3	12-6	50
28-16322-1	12-5	50	28-16353-3	12-10	240
28-16322-7	12-5	50	28-16353-4	12-10	230
28-16322-9	12-5	-50A	28-16353-5	12-6	30
28-16324	12-7	110A	28-16353-5	12-5	720
28-16325-2	12-7	120A	28-16355-1	12-5	90
28-16331-1	12-7	10B	28-16361-1	8-1	20
28-16331-1	12-8	20	28-16361-1	8-3	10
28-16331-1	12-5	-	28-16374-1	12-8	140
28-16334-1	12-5	40	28-16374-1	12-5	590
28-16334-3	12-5	70	28-16380	12-8	-5A
28-16334-5	12-5	-40A	28-16380	12-10	-
28-16334-7	12-5	-40B	28-16386-1	8-3A	80
28-16334-9	12-5	-40C	28-16387-1	8-1	60
28-16336-11	8-3A	440	28-16389-2	8-3A	150
28-16336-11	8-4	60	28-16390-11	8-5A	-20
28-16338-1	12-5	10	28-16391-1	12-6	120B
28-16338-2	12-5	20	28-16391-13	12-5	-
28-16338-3	12-5	-	28-16391-3	12-6	120A
28-16338-5	12-5	-	28-16391-5	12-6	120
28-16338-5	12-5	-	28-16391-5	12-5	500
28-16338-7	12-5	-	28-16392-13	12-6	180
28-16339-1	12-5	30	28-16392-13	12-8	60
28-16339-3	12-5	-	28-16392-13	12-5	-
28-16339-4	12-5	-	28-16394-11	12-5	-
28-16339-5	12-5	-	28-16394-2	12-8	40
28-16339-6	12-5	-	28-16395-1	12-8	120
28-16339-7	12-5	-	28-16395-1	12-5	550
28-16340-1	12-5	430	28-16396-2	12-8	10
28-16341-1	12-5	100	28-16396-2	12-5	540
28-16342-1	12-5	370	28-16397-11	12-8	50
28-16345-1	12-6	130	28-16397-11	12-5	-

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-16398	12-6	–5	28-16490-101	3-15	70
28-16398	12-8	–5	28-16493-11	3-13	10
28-16398-103	12-5	–	28-16493-13	3-13	10
28-16398-901	12-6	120C	28-16497-1	3-13	20
28-16399-13	12-1	220	28-16497-1	8-14	40
28-16400-1	8-12	–	28-16498-101	3-11	450
28-164001-1	3-10	70	28-16498-101	3-13	80
28-16401-1	3-10	220	28-16498-7	3-13	80
28-16401-1	8-12	150	28-16498-9	3-11	430
28-16401-5	3-10	220	28-16498-9	3-11	450
28-16403-1	3-10	290	28-16499-9	3-12	100
28-16403-1	8-13	110	28-16499-9	3-12	100
28-16404-1	3-10	300	28-16504-1	5-5	130
28-16404-1	8-13	120	28-16505-1	5-5	200
28-164043-11	3-10	340	28-16506-1	5-5	220
28-164043-11	3-14	–	28-16515-1	5-5	20
28-164043-11	3-15	–	28-16515-3	5-5	30
28-16405-1	3-10	70	28-16516-1	5-5	10
28-16407	8-12	60	28-16516-13	5-5	10
28-16407-1	3-10	200	28-16518-1	5-5	160
28-16409-13	3-11	60	28-16519-1	5-5	40
28-16409-13	8-15	90	28-16520-1	5-1	270
28-16409-15	3-11	60	28-16520-1	5-5	50
28-16409-15	8-15	90	28-16521-11	5-5	80
28-16421-1	3-11	40	28-16522-1	5-5	90
28-16447-1	3-10	20	28-16523-1	5-5	–
28-16449-1	3-10	350	28-16524-	8-5A	–
28-16449-1	11-21	400	28-16524-3	5-6	–
28-16473-1	3-11	220	28-16524-3	8-1	180
28-16473-1	3-11	440	28-16524-4	5-6	–
28-16476-2	3-11	150	28-16524-4	8-1	180
28-16476-3	3-11	250	28-16524-5	5-6	–
28-16477-1	3-11	240	28-16524-5	8-1	180
28-16477-2	3-11	300	28-16524-6	5-6	–
28-16478-3	3-11	–	28-16524-6	8-1	180
28-16478-5	3-11	–	28-16524-7	5-6	–
28-16479-13	3-11	110	28-16524-7	8-1	180
28-16481-5	3-11	–	28-16524-8	5-6	–
28-16482-13	3-11	210	28-16524-8	8-1	180
28-16484-11	3-11	120	28-16525-1	5-5	360

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-16525-1	11-21	410	28-16604-1	8-9	410
28-16526-1	5-5	370	28-16604-1	8-10	410
28-16526-1	11-21	420	28-16607-1	8-9	270
28-16537-11	5-5	380	28-16607-1	8-10	270
28-16537-13	5-5	390	28-16608-1	8-9	300
28-16542-11	5-5	240	28-16608-1	8-10	300
28-16561-1	8-17	90	28-16609-1	8-9	200
28-16561-2	8-16	90	28-16609-1	8-10	200
28-16563-1	8-16	260	28-16610-1	8-9	180
28-16563-2	8-16	230	28-16610-1	8-10	180
28-16564-13	8-17	210	28-16611-1	8-9	360
28-16564-15	8-17	230	28-16611-1	8-10	360
28-16565-11	8-16	130	28-16611-13	8-9	360
28-16565-11	8-17	140	28-16611-13	8-10	360
28-16567-1	8-17	250	28-16611-15	8-9	360
28-16567-2	8-16	220	28-16611-15	8-10	360
28-16568-1	8-17	120	28-16612-5	8-9	–
28-16568-2	8-16	110	28-16612-5	8-10	–
28-16600-10	8-8	20	28-16613-1	8-9	350
28-16600-101	8-8	90	28-16613-1	8-10	350
28-16600-103	8-8	10	28-16613-3	8-9	350
28-16600-105	8-8	90	28-16613-3	8-10	350
28-16600-107	8-8	10	28-16614-1	8-9	–10
28-16600-109	8-8	100	28-16614-1	8-10	–10
28-16600-111	8-8	20	28-16614-3	8-9	10
28-16600-113	8-8	90	28-16614-3	8-10	10
28-16600-113	8-10	–	28-16614-5	8-9	10
28-16600-115	8-8	10	28-16614-5	8-10	10
28-16600-115	8-9	–	28-16616-1	8-10	320
28-16600-117	8-8	100	28-16616-5	8-9	320
28-16600-117	8-10	–	28-16616-7	8-9	320
28-16600-119	8-8	20	28-16616-9	8-10	320
28-16600-119	8-9	–	28-16617-1	8-10	–
28-16600-7	8-8	100	28-16617-2	8-9	–
28-16600-8	8-8	20	28-16618-101	8-10	310
28-16600-9	8-8	100	28-16618-103	8-7	–
28-16601-1	8-9	420	28-16618-103	8-9	310
28-16601-1	8-10	420	28-16618-105	8-10	310
28-16603-1	8-10	440	28-16618-6	8-9	310
28-16603-15	8-10	430	28-16618-7	8-10	310

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-16618-9	8-9	310	28-17005-1	11-21	430
28-16619-1	8-9	160	28-17006-13	7-9	440
28-16619-1	8-10	160	28-17100-903	7-19	—
28-16620-1	8-10	—	28-17100-903	7-20	—
28-16620-2	8-9	—	28-17100-907	7-19	—
28-16621-1	8-9	—110A	28-17100-907	7-20	—
28-16621-1	8-10	—110A	28-17100-923	7-19	—
28-16623-1	8-10	250	28-17100-923	7-20	—
28-16624-1	8-9	—40	28-17100-927	7-19	—
28-16624-1	8-10	—40	28-17100-927	7-20	—
28-16624-11	8-9	40	28-17101-1	7-20	280
28-16624-11	8-10	40	28-17101-7	7-20	280
28-16624-3	8-9	40	28-17102-3	7-20	170
28-16624-3	8-10	40	28-17104-1	7-20	130
28-16625-1	8-8	50	28-17106-1	7-20	—
28-16626-1	8-9	390	28-17106-2	7-20	—
28-16628-1	8-9	340	28-17108-1	7-22	110
28-16628-1	8-10	340	28-17108-2	7-22	—120
28-16630-1	8-10	220	28-17111-1	7-20	90
28-16630-2	8-9	220	28-17113-13	7-22	240
28-16630-3	8-10	220	28-17119-11	7-22	170
28-16630-4	8-9	220	28-17119-12	7-22	—180
28-16632-1	8-9	260	28-17119-13	7-22	—190
28-16632-1	8-10	260	28-17119-14	7-22	—200
28-16633-1	8-9	140	28-17119-15	7-22	170
28-16633-1	8-10	140	28-17120-11	7-22	100
28-16635-1	8-9	250	28-17121-1	7-20	320
28-16636-3	8-9	—	28-17122-1	7-19	—
28-16636-3	8-10	—	28-17122-1	7-20	200
28-16636-5	8-9	—	28-17122-3	7-20	220
28-16636-5	8-10	—	28-17122-5	7-20	210
28-16637-11	8-6A	—	28-17123-1	7-20	—
28-16650-11	6-11	230	28-17123-1	7-21	50
28-17000-1	7-20	—	28-17123-11	7-21	50
28-17000-11	7-20	510	28-17124-1	7-20	50
28-17000-13	7-20	520	28-17129-1	7-20	230
28-17000-15	7-20	530	28-17132-1	7-19	10
28-17001-101	7-20	480	28-17132-1	7-20	10
28-17002-11	7-20	470	28-17132-2	7-20	20
28-17004-1	7-20	490	28-17132-3	7-20	30

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-17132-4	7-20	40	28-17151-1	7-21	140
28-17135-11	7-20	–	28-17153-1	7-21	–220
28-17135-11	7-21	10	28-17153-13	7-21	210
28-17138-1	7-22	230	28-17154-1	7-21	–200
28-17139-1	7-22	130	28-17155-1	7-21	240
28-17139-2	7-22	–140	28-17156-1	7-21	250
28-17139-3	7-22	150	28-17156-3	7-21	250
28-17139-4	7-22	–160	28-17157-1	7-21	260
28-17140-1	7-21	70	28-17158-1	7-21	40
28-17141-1	7-22	10	28-17159-11	7-20	–
28-17141-2	7-22	–20	28-17161-11	7-22	210
28-17141-3	7-22	30	28-17162-11	7-22	220
28-17141-4	7-22	–40	28-17164-13	11-21	110
28-17141-5	7-22	–50	28-17166-1	7-20	380
28-17141-6	7-22	–60	28-17166-2	7-20	–390
28-17142-1	7-22	–	28-17200-3	7-15	–
28-17142-3	7-22	–	28-17200-3	7-17	–
28-17142-5	7-22	–	28-17201-1	7-15	–
28-17142-7	7-22	–	28-17201-3	7-17	290
28-17143-11	7-22	260	28-17202-1	7-15	250
28-17144-1	7-21	180	28-17205-1	7-15	290
28-17144-5	7-21	180	28-17205-1	7-17	270
28-17145-1	7-21	130	28-17206-11	7-17	330
28-17146-1	7-21	230	28-17206-13	7-17	–
28-17146-7	7-21	230	28-17206-17	7-17	350
28-17147-3	7-21	120	28-17207-1	7-17	300
28-17147-7	7-21	110	28-17302-3	3-2	160
28-17148-1	7-21	–	28-17306-1	7-20	–
28-17148-2	7-21	–	28-17306-1	7-21	–60
28-17148-3	7-20	350	28-17308-1	12-10	270
28-17148-3	7-21	–	28-17308-1	12-13	230
28-17148-5	7-20	360	28-17308-1	12-9	230
28-17148-5	7-21	–	28-17308-1	12-11	330
28-17148-7	7-20	–370	28-17308-1	12-12	210
28-17148-7	7-21	–	28-17313-1	6-5	70
28-17149-1	7-21	150	28-17314-1	6-5	80
28-17150-1	7-19	20	28-17316-1	6-5	90
28-17150-1	7-20	430	28-17318-1	11-21	440
28-17150-13	7-19	50	28-17331-1	11-21	450
28-17150-13	7-20	340	28-17331-13	11-21	460

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-17331-15	11-21	450	28-180051-1	11-20	–
28-180004-5	11-6	360	28-180051-101	11-20	–
28-180010-11	12-4	40A	28-180051-103	11-20	–
28-180012-1	11-21	1100	28-180051-105	11-20	–
28-180014-1	11-8	–	28-180051-107	11-20	–
28-180014-1	11-7	950	28-180051-3	11-20	–
28-180018-1	11-21	1110	28-180051-5	11-20	–
28-180020-11	11-8	175	28-180051-7	11-20	–
28-180020-11	11-9	55	28-180051-9	11-20	–
28-180020-11	11-6	110	28-180052-11	11-21	1200
28-180020-11	11-7	50	28-180052-13	11-21	1200
28-180021-1	11-21	1120	28-180053-11	11-21	1210
28-180022-1	11-21	1130	28-180053-13	11-21	1210
28-180023-1	11-21	1140	28-180054-11	11-21	1220
28-180030-1	11-21	1150	28-180054-13	11-21	1220
28-180045-11	11-21	1160	28-180055-11	11-21	1230
28-180045-13	11-21	1160	28-180055-13	11-21	1230
28-180046-11	11-21	1170	28-180056-11	11-21	1240
28-180046-13	11-21	1170	28-180056-13	11-21	1240
28-180047-11	11-21	1180	28-180057-11	11-21	1250
28-180047-13	11-21	1180	28-180057-13	11-21	1250
28-180048-11	11-21	1190	28-18006-1	11-21	480
28-180048-13	11-21	1190	28-180067-1	11-20	150
28-180049-11	11-20	10	28-180067-101	11-20	–150E
28-180050-1	11-20	100	28-180067-103	11-20	–150F
28-180050-101	11-20	–100E	28-180067-105	11-20	–150G
28-180050-103	11-20	–100F	28-180067-107	11-20	–150H
28-180050-105	11-20	–100G	28-180067-109	11-20	–150I
28-180050-107	11-20	–100H	28-180067-201	11-20	–150J
28-180050-109	11-20	–100I	28-180067-203	11-20	–150K
28-180050-11	11-20	–100E	28-180067-205	11-20	–150L
28-180050-111	11-20	–100J	28-180067-207	11-20	–150M
28-180050-13	11-20	–100F	28-180067-209	11-20	–150N
28-180050-15	11-20	–100G	28-180067-211	11-20	–150O
28-180050-17	11-20	–100H	28-180067-213	11-20	–150P
28-180050-3	11-20	–100A	28-180067-215	11-20	–150Q
28-180050-5	11-20	–100B	28-180067-217	11-20	–150R
28-180050-7	11-20	–100C	28-180067-219	11-20	–150S
28-180050-9	11-20	–100D	28-180067-3	11-20	–150A
28-18005-1	11-21	470	28-180067-5	11-20	–150B

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-180067-7	11-20	-150C	28-18034-1	12-4	200
28-180067-9	11-20	-150D	28-18035	11-1	-
28-18007-1	11-21	490	28-18036	11-1	110
28-18009-11	11-21	210	28-18036-10	11-1	120
28-18009-15	11-21	120	28-18036-10	11-4	-
28-18009-27	11-21	210	28-18036-10	11-5	-
28-18011-1	11-21	500	28-18036-9	11-1	370
28-18012-1	11-21	510	28-18036-9	11-3	270
28-18013-1	11-21	520	28-18036-9	11-5	-
28-18014-1	11-21	530	28-18036--9	11-2	270
28-18015-1	11-21	540	28-18037-1	11-21	560
28-18016-1	11-21	550	28-18037-2	11-21	570
28-18020-1	11-18	-	28-18037-3	11-21	580
28-18020-1	12-4	-10	28-18043	11-2	240
28-18020-3	12-4	-10A	28-18043-1	11-21	590
28-18020-5	11-18	-	28-18048-1	11-21	600
28-18020-5	12-4	-130	28-18049	11-1	360
28-18020-7	11-18	-	28-18049	11-2	260
28-18020-7	12-4	-240	28-18050	11-1	-
28-18024-1	12-4	170	28-18050	11-2	-
28-18024-5	11-18	100	28-18051	11-1	350
28-18024-5	12-4	170	28-18051-3	11-2	250
28-18026-1	12-4	230	28-18052-1	11-6	450
28-18026-3	11-18	120	28-18052-1	11-21	610
28-18026-3	12-4	230	28-18053-1	11-6	520
28-18027-1	11-18	85	28-18053-1	11-21	620
28-18027-1	12-4	40	28-18060-11	11-8	25
28-18028-1	11-18	20	28-18060-11	11-9	30
28-18028-1	12-4	250	28-18060-11	11-7	130
28-18030-1	11-18	90	28-18060-13	11-8	105
28-18030-1	12-4	210	28-18060-13	11-9	35
28-18031-1	12-4	30	28-18060-13	11-7	130A
28-18031-3	12-4	30	28-18060-15	11-8	100
28-18032-1	11-2	-	28-18060-15	11-9	75
28-18033-1	11-8	425	28-18060-15	11-7	130B
28-18033-1	11-9	335	28-18061-1	11-8	330
28-18033-1	11-7	890	28-18061-1	11-9	260
28-18033-1	11-14	100	28-18061-1	11-7	720A
28-18033-1	11-15	75	28-18061-1	11-12	20
28-18034-1	11-18	105	28-18061-1	11-13	170

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-18061-1	11-13	200	28-18092-11	11-21	670
28-18061-1	11-13	210	28-18094-1	11-22	–
28-18061-1	11-13	220	28-18094-11	11-22	30
28-18061-3	11-7	–720	28-18094-13	11-22	90
28-18069-15	11-7	470A	28-18094-3	11-22	–
28-18069-17	11-7	470C	28-18095-1	11-5	300
28-18069-17	11-7	490	28-18095-3	11-5	300A
28-18069-19	11-5	–	28-18095-6	11-5	300B
28-18069-21	11-5	–	28-18099-101	11-5	–
28-18069-31	11-8	220	28-18099-111	11-5	–
28-18069-31	11-7	–470	28-18099-119	11-5	–
28-18069-33	11-8	235	28-18099-125	11-5	–
28-18069-33	11-7	–470B	28-18099-147	11-8	–
28-18075-1	3-10	350	28-18099-149	11-7	–
28-18081-11	6-3	–	28-18099-157	11-7	–
28-18081-11	11-6	200	28-18099-159	11-8	–
28-18081-11	11-21	630	28-18099-161	11-7	–
28-18082-1	11-3	–	28-18099-165	11-7	–
28-18082-9	11-5	20	28-18099-169	11-7	–
28-18082-9	11-6	320	28-18099-171	11-9	–
28-18084-1	11-8	–	28-18099-173	11-9	–
28-18084-5	11-5	–	28-18099-179	11-9	–
28-18087-1	11-21	640	28-18099-181	11-9	–
28-18088-1	11-21	650	28-18099-3	11-6	–
28-18088-2	11-21	660	28-18099-7	11-6	–
28-18091-1	11-5	–	28-18100-11	11-21	680
28-18091-101	11-5	–	28-181001-11	3-22	480
28-18091-103	11-5	–	28-181001-11	3-23	500
28-18091-105	11-5	–	28-181001-3	3-23	500
28-18091-107	11-5	–	28-181002-1	3-22	510
28-18091-109	11-5	–	28-181002-1	3-23	530
28-18091-111	11-5	–	28-181005-1	11-6	210
28-18091-113	11-5	–	28-181005-13	11-16	140
28-18091-121	11-6	–490A	28-181006-11	3-3	140
28-18091-123	11-6	420	28-181007-1	3-3	120
28-18091-131	11-5	–	28-181007-3	3-3	120
28-18091-133	11-5	–	28-181007-5	3-3	120
28-18091-3	11-5	–	28-181008-1	3-20	–
28-18091-5	11-5	–	28-181008-1	3-20A	–
28-18091-5	11-6	490	28-181008-1	3-20B	–

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-18101-11	11-8	145	28-18158-1	9-3	—
28-18101-11	11-7	370	28-18158-1	9-4	—
28-18103-3	3-22	480	28-18158-3	9-3	—
28-18103-3	11-10	130	28-18158-3	9-4	—
28-18103-4	3-22	480	28-18159-11	9-3	—
28-18103-4	11-11	10	28-18159-11	9-4	—
28-18103-4	11-11	140	28-18159-13	9-3	—
28-18103-5	3-22	510	28-18159-13	9-4	—
28-18103-5	11-10	140	28-18161-11	9-3	—
28-18103-6	11-10	150	28-18161-11	9-4	—
28-18103-7	11-10	160	28-18161-15	9-3	—
28-18103-7	11-11	—140A	28-18161-15	9-4	—
28-18104-3	11-14	30	28-18161-17	9-4	—
28-18104-4	11-14	40	28-18161-19	9-4	—
28-18104-5	11-14	50	28-18162-13	9-3	—
28-18104-6	11-14	60	28-18162-13	9-3	—
28-18104-7	11-14	70	28-18162-13	9-4	—
28-18104-903	11-12	110	28-18162-13	9-4	—
28-18104-903	11-13	10	28-18162-14	9-3	—
28-18104-904	11-12	90	28-18162-14	9-4	—
28-18104-904	11-13	20	28-18162-14	9-4	—
28-18104-905	11-12	100	28-18162-14-	9-3	—
28-18104-905	11-13	30	28-18162-15	9-3	—
28-18104-906	11-12	80	28-18162-15	9-4	—
28-18104-906	11-13	40	28-18162-15	9-4	—
28-18104-907	11-12	60	28-18162-17	9-3	—
28-18104-907	11-13	50	28-18162-17	9-4	—
28-18105-11	11-21	130	28-18162-17	9-4	—
28-18105-13	11-21	690	28-18164-3	9-3	—
28-18107-1	11-21	700	28-18164-3	9-4	—
28-18108-1	11-21	710	28-18164-5	9-3	—
28-18112-1	11-11	50	28-18164-5	9-4	—
28-18113-1	11-11	30	28-18165-5	11-19	115
28-18143-11	6-11	260	28-18166-1	9-3	10
28-18153-105	11-7	310B	28-18166-1	9-4	10
28-18153-107	11-7	310	28-18166-3	9-3	10A
28-18153-109	11-8	85	28-18166-5	9-3	10A
28-18153-109	11-7	—310A	28-18166-3	9-4	10A
28-18156-1	11-6	20	28-18166-5	9-4	10A
28-18156-3	11-6	—20A	28-18166-7	9-4	10

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-18167-11	6-12	10	28-19021-29	8-5	160
28-18167-13	6-12	10	28-19021-3	8-5	150
28-18167-15	6-12	10	28-19021-31	8-5	140
28-18167-17	6-12	10	28-19021-33	8-5	170
28-18167-19	6-12	10	28-19021-35	8-5	-130F
28-18167-21	6-12	10	28-19021-37	8-5	-130G
28-18167-23	6-12	10	28-19021-39	8-5	-160A
28-18167-25	6-12	10	28-19021-41	8-5	-140A
28-18167-27	6-12	10	28-19021-43	8-5	-170A
28-18167-5	11-19	15	28-19021-8	8-15	-
28-18171-29	11-7	500B	28-19023	11-8	380
28-18171-31	11-7	500	28-19023	11-9	290
28-18171-33	11-8	230	28-19023	11-7	830
28-18171-33	11-7	-500A	28-19025-1	6-14	70
28-18171-35	11-9	-	28-19027-13	11-8	10
28-18171-37	11-9	-	28-19027-13	11-7	10
28-18171-39	11-9	-	28-19031	11-5	-
28-18171-41	11-9	-	28-19032	11-5	-
28-18200-1	11-8	365	28-19037-11	11-21	720
28-18200-1	11-7	-760	28-19040-5	6-14	-
28-18200-3	11-7	760A	28-19041	11-6	10
28-19001-943	6-4	70	28-19041-111	6-11	-
28-19001-948	6-4	60	28-19045-1	11-5	280
28-19003	6-1	80	28-19045-3	11-5	280A
28-19004	6-1	10	28-19045-5	11-5	280B
28-19006-24-1	7-13	80	28-19045-7	11-5	280C
28-19016-11	6-2	70	28-19045-9	11-5	280D
28-19021-10	11-8	280	28-19046-11	11-8	15
28-19021-10	11-9	200	28-19046-11	11-9	15
28-19021-10	11-7	590	28-19046-11	11-7	40
28-19021-10	11-7	800	28-19046-11	11-21	730
28-19021-13	8-5	-130B	28-19047-1	6-11	250
28-19021-15	8-5	-130A	28-19047-11	6-11	250
28-19021-17	8-5	-150A	28-19048-11	6-11	230
28-19021-19	8-5	-130C	28-19048-13	6-11	230
28-19021-2	8-5	130	28-19055-11	6-13	140
28-19021-21	8-5	-150B	28-19064-1	11-9	45
28-19021-23	8-5	-130D	28-19064-1	11-7	20
28-19021-25	8-5	-130E	28-19073	6-12	-
28-19021-27	8-5	-150C	28-19073-1	11-7	740

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-19073-101	11-8	360	28-20112-1	7-17	–
28-19073-3	11-7	740A	28-20112-15	7-17	50
28-19073-5	11-7	740B	28-20112-16	7-17	60
28-19073-7	11-7	740C	28-20112-2	7-17	–
28-19101-11	11-21	740	28-20116-11	7-17	70
28-19103-1	6-10	40	28-20119-1	7-17	10
28-19104-1	6-9	40	28-20119-2	7-17	20
28-19105-1	6-10	50	28-20119-3	7-17	10
28-19105-1	6-9	60	28-20119-4	7-17	20
28-19106-1	6-9	30	28-21000-1	6-4	–
28-19106-3	6-10	30	28-21002	6-4	340
28-19106-3	6-9	30	28-21002-3	6-4	340
28-19106-5	6-10	30	28-21002-3	6-6	10
28-19106-5	6-13	90	28-21002-4	6-4	340
28-19106-5	6-9	30	28-21002-4	6-6	10
28-19123-9	11-8	375	28-21003-1	6-4	330
28-19123-9	11-9	285	28-21003-1	6-4	40
28-19123-9	11-7	820	28-21004-1	6-6	40
28-19131-1	6-11	–	28-21006-1	6-4	250
28-19132-3	6-5	200	28-21007-1	6-4	240
28-19155-1	8-15	–	28-21008-1	6-4	230
28-19155-1	8-17	–	28-21009-1	6-4	220
28-19155-2	8-14	–	28-21009-1	6-5	205
28-19155-2	8-16	–	28-21009-1	6-5	60
28-20000	7-15	–	28-21009-1	6-7	170
28-20100-1	7-15	–10	28-21009-1	6-8	10
28-20100-2	7-15	–20	28-21010-3	6-5	235
28-20100-6	7-15	30	28-21011-1	6-4	180
28-20100-7	7-15	40	28-21011-1	6-6	80
28-20107-11	11-21	140	28-21012-1	6-4	160
28-20107-11	11-21	750	28-21012-1	6-6	240
28-20107-11	7-15	300	28-21014-1	6-4	270
28-20107-11	7-16	270	28-21017-1	3-21	70
28-20107-13	11-21	750	28-21021-1	11-21	760
28-20107-13	7-15	–310	28-21024-1	6-7	20
28-20107-13	7-16	–280	28-21034-1	6-7	40
28-20111-1	7-17	30	28-21035-5	6-7	10
28-20111-2	7-17	40	28-21035-5	11-21	770
28-20111-911	7-17	30	28-21043-1	6-7	130
28-20111-912	7-17	40	28-21048-1	6-5	–

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-21048-1	6-6	110A	28-22102-1	9-2	38
28-21048-101	6-5	–	28-22117	9-3	320
28-21048-101	6-6	110D	28-22117-3	9-2	37
28-21048-3	6-5	–	28-22165-1	7-1	–
28-21048-3	6-6	110B	28-22165-1	7-3	80
28-21048-5	6-5	–	28-22199-1	9-2	34
28-21048-5	6-6	110A	28-22208-11	9-5	105
28-21048-6	6-5	–	28-22209-101	9-5	110
28-21048-6	6-6	110B	28-22209-103	9-5	110
28-21048-7	6-5	–	28-22210-9	9-5	–
28-21048-7	6-6	110A	28-22216-13	11-21	830
28-21048-8	6-5	–	28-22343-1	11-21	840
28-21048-8	6-6	110B	28-22344-5	11-5	–
28-21048-9	6-5	–	28-22350-1	8-3A	–
28-21048-9	6-6	110C	28-22421-1	7-20	90
28-21050-11	6-7	180	28-22501-1	11-21	850
28-21051-11	6-7	*50	28-22501-10	11-21	940
28-21052-1	6-7	–	28-22501-11	11-6	330
28-21053-3	6-7	–	28-22501-2	11-21	860
28-22013-1	11-21	780	28-22501-3	11-21	870
28-22016-1	11-21	790	28-22501-4	11-21	880
28-22016-5	11-21	790	28-22501-5	11-21	890
28-22018-1	11-21	800	28-22501-6	11-21	900
28-22018-2	11-21	810	28-22501-7	11-21	910
28-22019-1	11-21	820	28-22501-8	11-21	920
28-22031-1	3-5A	–	28-22501-9	11-21	930
28-22031-3	3-5A	–	28-22504-1	11-21	950
28-22032-1	3-5A	160	28-22505-1	11-21	960
28-22034-11	3-5A	30	28-22506-1	11-21	970
28-22081-5	11-8	–	28-22507-1	11-21	980
28-22086-1	11-9	–65	28-22508-1	11-21	990
28-22093-3	11-8	140	28-22540-11	11-21	1000
28-22093-3	11-9	60	28-22540-17	11-8	155
28-22093-3	11-19	–	28-22540-17	11-7	320
28-22093-3	11-7	350	28-22540-19	11-19	10
28-22094-11	11-19	155	28-22543-11	11-17	220
28-22094-13	11-19	110	28-22543-11	11-21	1010
28-22096-11	11-19	125	28-22543-13	11-8	135
28-22101	9-3	390	28-22543-13	11-9	65
28-22101-1	9-2	29	28-22543-13	11-7	340

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-22561-3	6-13	10	30-1UL	11-7	30
28-22562-17	6-13	50	30-1UL	8-13	20
28-22563-5	6-13	100	3028-3/32	11-8	505
28-22606-1	11-21	1020	3028-3/32	11-8	520
28-22607-1	11-21	1030	304R	12-10	40
28-22608-1	11-21	1040	306590	5-4	140
28-22609-11	11-21	1050	313	6-5	20
28-22613-1	11-21	1060	3-1AF	7-5	140
28-22615-11	11-21	1070	31B22111	3-31	–
28-22615-13	11-21	1080	325E10-2	3-8	50
28-22615-15	11-21	1070	32-5R	6-4	310
2852	11-17	240	327	11-8	50
2855	11-17	260	327	11-9	–
286377	6-12	60	327	11-7	80
2870	11-17	250	32-7L	6-4	320
2871	11-17	230	32NBC2044YZP	4-2	110
28775-214	5-6	200	330	6-4	–
28-DU-24	8-18	110	330	11-1	–
28-DU-24	8-19	110	330	11-1	–
28NBC2040YZP	4-1	210	330	11-2	–
28NBC2040YZP	4-1	340	330	11-2	–
2904-33	11-2	300	330	11-3	–
2904-33	11-3	300	330	11-4	–
2904-33	11-5	–	330	11-4	–
2904-33F5	11-1	400	330	11-5	–
2904-33F5	11-4	–	33-199-36	3-22	–
29550	8-21	10	33-199-36	3-23	–
2D8934	5-6	50	33-199-916	3-22	260
3/8 Harper	5-3	320	33-199-916	3-23	270
3/8-6NA	11-19	190	33+ Super 3/4"	7-10	–
30-0009-36	6-6	50	33+ Super 3/4"	7-10	–
300-037	6-10	20	338382	5-4	140
300-071	7-4	70	34-0070371-02	6-4	150
300-071-CS	7-1	90	34-0070373-01	6-4	–
300-072	7-4	80	34-0070373-01	6-4	–
300-169	7-9	440	34-0070373-01	6-4	–
30-1	8-13	20	34-0070373-01	6-4	90
30-1UL	11-8	20	34-0070373-01	6-6	350
30-1UL	11-9	20	34-0070373-03	6-6	350
30-1UL	11-5	290	34-0412070-63	6-6	140

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
34-0412070-63	6-6	440	4118290-15	7-6	-630
34-0414020-65	6-4	–	4118290-16	7-6	620
34-0414020-65	6-4	–	4119780-23	9-5	20
34-0414020-65	6-4	–	4119835-33	11-8	355
34-0428020-65	6-6	390	4119835-33	11-8	5
34-0428070-64	6-6	140	4119835-33	6-12	20
340823	5-4	290	4119839-11	7-6	-290
3498T613	7-4	70	4119920-11	11-21	150
35-140-A	11-4	–	4119920-13	11-21	160
37A19773-376	3-21	–	4119920-15	11-21	170
38-0230021-00	6-4	–	4150008-5	12-5	25
38-0230021-00	6-4	–	4164	6-13	191
38-0230021-00	6-4	–	4166053-11	8-9	–
381N-500-S	11-8	–	4166053-11	8-10	–
381N-500-S	11-9	–	4166053-13	8-9	–
38518900	5-5	230	4166053-13	8-10	–
3-904 V0894-90	3-8	66	4166053-15	8-9	–
3A1535-B96-A100	3-10	60	4166053-15	8-10	–
3A-3140	3-10	60	4167231-13	8-14	–
3A-3308	7-4	70	4167241-11	8-16	160
3A3408-2	10-4	220	4167241-11	8-17	170
3AG-1A	11-17	50	4167323-11	8-16	200
3BT5EE10J2	3-3	200	4167323-13	8-16	210
3BT5EE10J2	3-8	50	4167323-15	8-16	180
3MC1-3-2	6-3	–	4167323-15	8-17	190
3MC1-3-2	11-5	250	4167323-17	8-16	190
3MC1-3-2	11-6	190	4167323-17	8-17	200
400-003	3-5A	50	4167323-19	8-16	170
400-003	3-5A	80	4167323-19	8-17	180
400510	11-19	35	4167324-15	8-15	60
4016	11-8	470	4167325-21	8-16	140
4016-1	7-5	40	4167325-21	8-17	150
4016-75	7-5	100	4167327-19	8-16	120
40NBC2052YZP	4-2	90	4167327-19	8-17	130
4115001-19	9-3	340	4167338-13	8-16	10
4118265-21	7-6	190	4167338-13	8-17	10
4118278-21	7-6	80	4192509-901	6-11	10
4118278-23	7-6	30	4196603-23	11-8	75
4118283-11	7-6	50	4196603-23	11-9	–
4118284-13	7-6	100	4196603-23	11-7	170

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4196609-11	6-14	80	439-4-8-2-6	11-13	80
4199059-1	6-14	70	439-4-8-2-6	11-14	–
4199059-3	6-14	70	4406	6-5	50
4199072-11	6-11	–	444-4-2-6	11-15	120
41EN-G3-2311	11-1	–	444-4-2-6	3-24	230
41EN-G3-2311	11-1	–	444-4-4-2-6	11-13	90
41EN-G3-2311	11-1	–	444-4-4-2-6	11-14	90
41EN-G3-2311	11-2	–	4503	3-26	90
41EN-G3-2311	11-2	–	4508-1	7-16	290
41EN-G3-2311	11-2	–	4508-2	3-20	630
41EN-G3-2311	11-3	–	4508-2	3-20A	630
41EN-G3-2311	11-3	–	4508-2	3-20B	630
41EN-G3-2311	11-5	–	4508-75	8-5	620
41EN-G3-2313	11-1	–	4509	6-4	210
41EN-G3-2313	11-2	–	4509	6-7	60
41EN-G3-2313	11-3	–	4509	6-8	20
41EN-G3-2313	11-5	–	4591	6-5	50
41EN-G5-2312	11-1	–	4596	6-8	20A
41EN-G5-2312	11-2	–	4600-00	3-26	–
4208-00	3-26	100	471-RED	7-21	–
4222	3-26	140	488-4D28-20	3-8	20
4232	3-26	10	48P6	3-23	171
4234	3-26	20	4910-50	7-4	–
4235	3-26	50	49726	11-13	–
4241	3-26	70	4FBTX-D	3-24	80
428-3-VG	12-5	780	4FBTX-D	3-22	310
43-13-1-24	3-20	–	4JBTX-D	3-24	100
43-13-1-24	3-20	–	4-LHBTX-S	3-22	440
43-13-1-24	3-20A	–	4SN-188-C-73	5-5	230
43-13-1-24	3-20A	–	4-VBTX-S	3-22	420
43-13-1-24	3-20B	–	4WBTX-S	3-24	180
43-13-1-24	3-20B	–	5/16 HARPER	8-4	150
43-13-1-24	7-1	–	5/8-6B	11-20	20
43-13-1-24	7-8	240	5/8-6NA	6-6	290
43-13-1-24	7-18	–	5002-268-PP	12-5	–
43-13-1-24	7-18	–	5045	4-2	160
43-13-1-24	7-18	–	507-507-101	11-1	80
43-13-1-24	7-18	–	507-507-101	11-1	320
4316	7-5	220	507-507-101	11-1	340
439-4-8-2-6	11-15	95	507-507-101	11-2	–

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
507-507-101	11-2	210	5-W-140	7-1	510
507-507-101	11-2	230	6 X 3/8	11-8	350
507-507-101	11-3	—	6 X 3/8	11-19	20
507-507-101 (7.5A)	11-5	220	6 X 3/8	11-7	750
5102-137-PP	12-7	130	6 X 3/8	7-20	190
5108-100	7-20	500	600700-0000	3-3	200
511T1-2	11-1	50	600700-0000	3-8	50
511TS1-2	11-1	60	601002-4-0120	11-10	50
52305A15-6	7-1	190	601002-6-0180	3-4	90
5-295	7-1	520	601002-6-0180	3-6	50
5310-00-063-9015	6-6	300	6041-ED22	6-2	20
5451	7-10	—	6041H34	6-1	30
5451	7-10	—	60617-1	11-7	—
5451	7-18	—	60618-1	11-8	—
5451	7-18	—	60618-1	6-11	—
5451	7-18	—	60618-1	11-7	—
5453	10-4	—	60685K31	7-6	-455
5453	7-18	—	60686K31	7-6	-525
550	9-1	—	608036-1	11-19	—
550	9-3	70	608036-1	11-19	—
550	9-3	90	608036-1	11-19	—
550	9-4	110	608036-1	11-19	—
550	9-4	220	608036-1	11-19	—
550	9-4	70	608036-1	11-19	—
551-5	11-11	220	62	3-24	550
55-4527-1067	3-14	80	624100-4-0120	3-22	430
57-3255-2121	3-10	60	624100-6-0060	3-22	410
57-3255-2121	3-15	70	624100-6-0180	3-6	60
58390	6-11	50	624117-6-0180	3-22	350
588-6D1	3-4	140	624117-6-0180	3-6	50
59-022-094-0500	5-5	70	62447-6-180	3-4	90
5934	11-1	160	6312-H69	11-4	-40A
5934	11-3	50	6312-H69A	11-2	40
5934	11-4	50	6312-H69A	11-3	40
5934-1	11-2	50	6-4 C5OX-S	3-8	67
5934M	11-2	-50A	6400 10-8	3-7	320
5934PD-3-A.253	11-5	60	64021	6-9	20
5934PD-3-A.253	11-7	120	64-632-74	3-24	430
5934PD-3-A.253	11-8	60	6487923	3-1	30
5934PD-3-A.253	11-9	40	6487923	3-2	30

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
65-29AP	11-1	180	700702-16	11-19	175
65-29AP	11-4	70	702-5123	8-5	-180G
65-29B	11-2	70	702-5130	8-5	-180H
65-29B	11-3	70	7079B-12	6-4	150
65-29B	11-4	-70A	7101SYZQE	11-8	150
65-4527-2229	3-10	10	7101SYZQE	11-9	185
65-4527-2229	3-14	80	7101SYZQE	11-19	30
65614	3-20	420	7101SYZQE	11-7	680
65614	3-20A	420	7101SYZQE	11-17	30
65614	3-20B	420	72-028-125-0500	7-1	330
65614	3-9	140	7203BTVPUO	12-9	160
66224	3-3	150	7235-1-100	6-13	185
6-6FBTX-D	3-24	270	7235-1-100	6-3	10
6-6FBTX-S	3-22	230	726607	6-11	40
67-02-E-18-64S	8-5	190	726621	5-6	130
67-06-C-18-64P	8-5	200	726621	6-11	-
6-8 C5OX-S	3-23	220	7270-1-20	11-5	200
6-8 F5OX-S	3-23	120	7270-1-3	11-8	255
68-2290005-30	6-6	400	7270-1-3	11-9	135
68-4230020-30	6-4	-	7270-1-3	11-5	190
68-4230020-40	6-4	-	7270-1-3	11-7	540
68-4230020-40	6-6	120A	7270-1-35	11-8	240
68-4230020-40	6-6	30	7270-1-35	11-9	130
68-4230020-50	6-4	-	7270-1-35	11-7	510
68-4230020-50	6-6	120	7270-1-5	11-8	250
68-4230020-50	6-6	30	7270-1-5	11-9	140
68-4250066-30	6-6	410	7270-1-5	11-5	180
68-4270002-30	6-6	430	7270-1-5	11-7	520
6-F5OX-S	3-22	210	7270-1-7 1/2	11-7	550
6RX1/2	8-5	610	7270-1-7 1/2	11-8	260
6-S5OX-S	3-22	360	7270-1-7 1/2	11-9	145
6-V5OX-S	3-22	140	7270-1-7 1/2	11-5	170
6x1/2	9-1	5	7270-1-7 1/2	11-1	-
6x1/2	9-2	4	7274-2-10	11-8	205
6X3/8	6-12	30	7274-2-10	11-7	440
700-001-10	11-6	440	7274-2-2 1/2	11-7	420
700-001-15	11-1	90	7274-2-2 1/2	11-8	195
700-001-20	11-1	100	7274-2-3	11-8	215
700-001-20	11-5	240	7274-2-3	11-7	460
700200	11-19	25	7274-2-5	11-8	210

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
7274-2-5	11-7	450	8000 B.852	11-7	400
7277-5-2	11-9	115	8000 B.853	11-8	185
7277-5-3	11-9	110	8000 B.853	11-9	95
7277-5-5	11-9	120	8000 CODE B251	11-3	60
7304DT	12-10	40	8000-B.852	11-5	50
7304DT	12-11	270	8000-B.853	11-5	50A
732BL	11-8	—	8000-B160	11-2	60
732BL	11-8	—	8000-B160	11-5	50
732RTV	7-20	—	8000-B251	11-4	—60A
732-RTV	3-16	30	8000-B251	11-5	50B
7361	5-4	80	8000-B251	11-6	30
739	9-4	—	8000-B332	11-2	—60A
74465	3-30	90	8000T	11-1	170
748-RTV	11-19	—	8000T	11-4	60
75118	3-27	80	800-28V-BAT	11-8	100
75386	3-22	470	803-1710-0331-5	11-3	—
755-2-2-6	10-1	6	803-1710-0331-504	6-11	190
755-2-2-6	10-2	6	803-1710-0331-504	11-1	—
755-2-2-6	10-3	—	803-1710-0331-504	11-4	—
755-2-2-6	10-3	—	803-1710-0331-504	11-5	—
755-2-2-6	10-4	140	804-1710-0332-5	11-3	—
755-2-2-6	10-4	240	804-1710-0332-504	11-1	—
770001-5	11-8	285	804-1710-0332-504	11-4	240
770001-5	11-9	205	804-1710-0332-504	11-5	—
770001-5	11-7	600	80046	9-4	13
773-4/50 VDC	11-1	30	8110-CC	3-22	150
773-4/50 VDC	11-5	—	8134K21A1M50	11-4	20
773-8/50 VDC	11-5	—	8134K21A1M52	11-1	130
77611	3-27	80	8134K21A1T50	11-1	10
77611	3-28	140	8134K21A1T50	11-4	10
786-4	3-24	120	8190002	3-22	370
786-4-CU	3-24	120	8190042	3-23	370
79012-062-0500	12-4	220	82-11-120-16	7-9	420
79-012-062-0500	11-18	95	82-11-120-16	7-11	340
79-028-125-0687	7-1	240	82-12-120-16	7-1	580
79-048-250-0625	5-5	60	82-12-120-16	7-8	230
8 X 1/2	7-22	290	82-12-120-16	7-11	370
8 X 3/8	7-7	30	8-218-N300-9	7-21	170
8 X 3/8	7-22	300	82-19-120-16	3-20	—
8000 B.786	11-5	50	82-19-120-16	3-20	—

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
82-19-120-16	3-20A	—	82-35-302-15	3-20A	—
82-19-120-16	3-20A	—	82-35-302-15	3-20A	—
82-19-120-16	3-20B	—	82-35-302-15	3-20A	—
82-19-120-16	3-20B	—	82-35-302-15	3-20B	—
82-19-140-16	3-20	—	82-35-302-15	3-20B	—
82-19-140-16	3-20	—	82-35-302-15	3-20B	—
82-19-140-16	3-20A	—	82-35-302-15	3-20B	—
82-19-140-16	3-20A	—	82-35-302-15	3-20B	—
82-19-140-16	3-20B	—	82-35-302-15	3-20B	—
82-19-140-16	3-20B	—	82-35-302-15	3-20B	—
82-19-160-16	7-18-	—	82-35-302-15	7-1	590
82-19-160-16	7-18	—	82-35-302-15	7-10	—
82-19-160-16	7-18	—	82-35-302-15	7-10	—
82-19-160-16	7-18	—	82-46-101-39	7-1	—
82-32-101-17	7-1	—	82-46-101-39	7-8	260
82-32-101-20	3-20	—	82-46-101-39	7-18	—
82-32-101-20	3-20	—	82-46-101-39	7-18	—
82-32-101-20	3-20A	—	82-46-101-39	7-18	—
82-32-101-20	3-20A	—	82-46-101-39	7-18	—
82-32-101-20	3-20B	—	8-32X1/4 IN	7-5	530
82-32-101-20	3-20B	—	8473 H5L16	5-6	—
82-32-101-20	7-8	250	8473 H5L16	5-7	90
82-32-101-20	7-18	—	8473RUPH5-L16	5-6	—
82-32-101-20	7-18	—	848-FSO-10-08	3-7	10
82-32-101-20	7-18	—	848-FSO-10-08	3-7	320
82-32-101-20	7-18	—	849-FSO-06-08	3-23	220
82-35-302-15	3-18	—	85-140-16	7-11	380
82-35-302-15	3-18	—	85-34-101-17	7-1	—
82-35-302-15	3-18	—	85-46-101-39	7-1	—
82-35-302-15	3-20	—	85-9217-06	3-30	40A
82-35-302-15	3-20	—	883-FS-06X04	3-4	120
82-35-302-15	3-20	—	8x1/2	10-1	17
82-35-302-15	3-20	—	8x1/2	10-2	9
82-35-302-15	3-20	—	8X1/2	3-17	160
82-35-302-15	3-20	—	8X1/2	3-17	180
82-35-302-15	3-20	—	8X1/2	3-17	90
82-35-302-15	3-20A	—	8x1/2	9-1	15
82-35-302-15	3-20A	—	8x1/2	9-3	—
82-35-302-15	3-20A	—	8x1/2	9-4	—
82-35-302-15	3-20A	—	8x3/4	9-2	7

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
8X3/8	6-5	255	A1784-6Z-1	3-17	20
8x3/8	9-3	20	A1784-6Z-1	9-1	10
8x3/8	9-3	20A	A1785-6Z1D	7-5	630
8x3/8	9-4	—	A1787-8Z-1	9-1	4
8x3/8	9-4	—	A1787-8Z-1	7-22	280
8X5/8	3-20	291	A1789-8Z1	10-1	8
90D030N-MOD-2	8-16	70	A1789-8Z1	10-2	8
90D030N-MOD-2	8-17	70	A1789-8Z1	10-3	—
951789	3-23	660	A1789-8Z1	10-4	150
959-3	12-12	30	A2037	12-11	110
959-5	4-4	130	A2126	12-11	100
96394-01	3-30	—A	A-218-938517-00	8-5	—180F
97CSX-2 24VDC	6-7	190	A350CNIWBKSH28	11-8	80
980-001	3-2	270	A350CNIWBKSH28	11-7	180
980-001	4-2	—	A413A,HDA,DF	6-6	150
980-001	6-6	200	A421-1	11-21	1260
980-001	11-20	90	A-440	6-6	100
980-001	7-8	300	A457A	6-6	430
980-001	7-9	360	A469	6-6	360
980-003	7-8	170	A470-R	6-6	230
A005-1991	12-2	120	A490T-DF14	6-6	150A
A01787-8Z-1D	7-7	40	A490T-DF28	6-6	150B
A01787-8Z-1D	7-10	490	A508-14	6-6	140
A01789-8Z1D	7-22	280	A508-14	6-6	440
A01789-8Z-1D	3-20	292	A508-28	6-6	140
A01789-8Z-1D	7-10	530	A53C	3-1	30
A06191-8Z-1D	6-12	40	A53C	3-2	30
A06195-8Z-1D	7-10	630	A555-H	6-6	420
A-10019-D	3-23	140	A610	6-6	130
A-10019-E	3-23	140	A612	6-6	400
A10K166	7-6	650	A615	6-6	410
A-1280-1	6-6	60	A6195-8Z1D	9-4	—
A-1280-2	6-6	30	A6195-8Z-1D	9-4	—
A-1280-3	6-6	30	A-740-12	10-1	19
A1285-C-12	6-4	80	A-740-12	10-2	21
A1285-G-12	6-4	20	A-740-12	10-3	14
A-1285-G-12	6-6	20B	A-740-12	10-4	220
A1285-R-12	6-4	10	A-8110-G	3-22	150
A-1285-R-12	6-6	20A	A8943-632-493	11-6	70
A1784-6Z1D	3-17	20	A8944-632-493	11-6	150

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
A8970B-1-330	11-1	390	AJW4-30	3-20B	–
A8970B-1-330	11-2	290	AJW4-30	3-20B	–
A8970B-1-330	11-3	290	ALJF3T	7-6	520
A8970B-1-330	11-4	280	ALJFL3T	7-6	450
A8970B-1-330	11-5	–	ALU8521LS	3-31	–
A8970B-1-330	11-6	180	AN100C-4	12-5	790
A8P150	11-22	20	AN173-17A	3-11	70
A-8970B-1-330	6-4	350	AN173-21A	3-11	80
AA-2204	6-12	80	AN173-21A	8-15	100
AA-28-14385-15	4-2.1	10A	AN174-21	8-4	280
AA-28-14386-1	4-2.1	40A	AN176-15A	4-2	290
AA8131	6-12	120	AN176-17A	4-2	300
AA-832-06	11-8	485	AN178-21	4-3	130
AA86146	5-6	170	AN210-1B	12-5	890
AA-ECD-084-280	4-2.1	50	AN210-2B	12-5	860
ABC6114	8-14	30	AN210-3B	12-5	880
ABC6114-101	8-14	30	AN2552-3A	6-13	120
ABEC-3	12-9	160	AN3-10	3-10	280
ABM1M-A-C	11-19	120	AN310-5	3-28	380
ABM1M-A-C	6-12	90	AN310-7	3-30	50A
ABM1M-A-C	6-2	–	AN3-10A	3-10	140
AC78M	6-9	10	AN3-10A	3-11	130
ACF-50	4-2	–	AN3-10A	8-11	50
AD43BSLF	7-5	50	AN3-10A	8-13	100
AD44BSLF	7-5	–60	AN3-11	3-28	330
AD45BSLF	7-5	–70	AN3-11A	11-18	5
AE80664H	3-3	–	AN3-11A	12-4	280
AEROSHELL 22	5-2	–	AN3-11A	3-23	550
AFP5	3-1	30	AN3-11A	3-6	150
AFP5	3-2	30	AN3-11A	3-7	120
AJ4-30	7-9	160	AN3-11A	5-3	190
AJ4-35	7-1	530	AN3-12	3-11	460
AJ4-35	7-10	–	AN3-12A	11-7	610
AJW4-30	3-2	111	AN3-12A	11-9	210
AJW4-30	3-20	–	AN3-12A	3-10	210
AJW4-30	3-20	–	AN3-12A	3-13	70
AJW4-30	3-20A	–	AN3-12A	4-2	425
AJW4-30	3-20A	–	AN3-12A	4-2.1	130
AJW4-30	3-20B	–	AN3-12A	5-5	250
AJW4-30	3-20B	–	AN3-12A	8-12	80

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN3-12A	8-14	80	AN316-5L	5-5	210
AN3-13	3-11	420	AN316-5L	8-20	160
AN3-13	3-14	70	AN316-5L	8-4	120
AN3-13A	3-10	170	AN316-5L	8-5	—
AN3-13A	3-12	110	AN316-5L	12-5	190
AN3-13A	3-13	40	AN316-5R	12-6	170
AN3-13A	3-26	200	AN316-5R	5-2	160
AN3-13A	8-13	90	AN316-5R	5-5	190
AN3-14A	3-23	560	AN316-5R	8-20	170
AN3-14A	6-13	30	AN316-5R	8-3	150
AN3-14A	8-5A	140	AN316-5R	8-4	110
AN315-3L	7-6	440	AN316-5R	8-6A	120
AN315-3R	3-10	270	AN316-5R	12-5	310
AN315-3R	3-14	40	AN316-6R	5-6	—
AN315-3R	3-15	40	AN316-6R	6-11	30
AN315-3R	3-28	230	AN316-7R	3-14	90
AN315-3R	3-28	280	AN316-7R	3-15	100
AN315-3R	3-28	280	AN316-8R	3-14	90
AN315-3R	3-28	280	AN316-8R	3-15	100
AN315-3R	3-28	280	AN316-8R	5-3	500
AN315-3R	7-6	530	AN3-16A	7-15	280
AN315-3R	7-5	390	AN3-16A	7-16	30
AN315-4R	6-2	—	AN3-16A	7-17	260
AN315-4R	6-2	—	AN3-16A	8-11	90
AN315-4R	6-2	—	AN3-16A	8-13	130
AN316-12	3-24	460	AN3-16A	8-18	10
AN316-12R	3-15	80	AN3-17A	8-5	310
AN316-12R	3-24	460	AN3-17A	8-7	50
AN316-12R	5-3	480	AN3-17A	7-15	100
AN316-3R	3-14	40	AN3-17A	7-16	40
AN316-3R	3-15	40	AN3-17A	7-17	310
AN316-4L	8-11	210	AN320-6	8-1	150
AN316-4R	3-11	—	AN320-7	8-1	120
AN316-4R	3-11	190	AN320-8	5-3	90
AN316-4R	8-11	210	AN320-8	8-3A	400
AN316-4R	8-18	60	AN3-20A	7-15	50
AN316-4R	8-19	50	AN3-20A	7-17	140
AN316-5	8-3	150	AN3-21A	9-5	60
AN316-5	8-5	—	AN3-22	3-11	380
AN316-5L	12-6	150	AN3-22A	5-1	120

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN3-22A	8-11	300	AN340-8	3-6	120
AN3-23A	3-12	90	AN340-8	3-7	80
AN3-23A	8-13	50	AN340-8	5-1	370
AN3-23A	8-18	40	AN340-8	6-1	—
AN3-23A	8-19	140	AN340-8	6-1	—
AN3-24A	8-14	110	AN340-8	6-1	—
AN3-24A	8-19	20	AN340-8	6-1	—
AN3-27A	7-20	140	AN340-8	6-13	—
AN3-3A	3-20	450	AN340-8	6-2	—
AN3-3A	3-20A	450	AN340-8	9-1	8
AN3-3A	3-20B	450	AN340-8	9-2	14
AN3-3A	3-22	20	AN340-8	11-13	110
AN3-3A	6-2	—	AN340-8	11-14	140
AN3-3A	6-2	—	AN340-8	11-16	80
AN3-3A	6-3	20	AN340-832	11-18	50
AN3-3A	8-18	100	AN340-832	12-4	120
AN3-3A	8-19	100	AN340-832	3-2	250
AN3-3A	8-5	240	AN340-832	3-4	310
AN340-4	8-9	90	AN340-832	3-9	120
AN340-4	8-10	90	AN340-832	8-3A	290
AN340-6	3-16	110	AN340-832	11-17	180
AN340-6	3-26	120	AN340-832	7-1	700
AN340-6	11-20	80	AN340-832	7-2	130
AN340-6	7-1	—	AN341-516	6-13	—
AN340-632	3-20	370	AN345-10	3-1	90
AN340-632	3-20A	370	AN345-10	3-20	595
AN340-632	3-20B	370	AN345-10	3-20B	595
AN340-632	11-5	—	AN345-10	3-25	50
AN340-632	11-6	80	AN345-10	6-13	—
AN340-8	10-3	—	AN345-10	8-9	—
AN340-8	10-4	210	AN345-10	8-10	—
AN340-8	3-2	250	AN345-1032	7-5	750
AN340-8	3-20	600	AN3-4A	3-10	30
AN340-8	3-20A	600	AN3-4A	3-12	20
AN340-8	3-20B	600	AN3-4A	3-20	470
AN340-8	3-22	130	AN3-4A	3-20A	470
AN340-8	3-23	110	AN3-4A	3-20B	—
AN340-8	3-24	140	AN3-4A	3-20B	470
AN340-8	3-4	310	AN3-4A	3-23	20
AN340-8	3-5	80	AN3-4A	3-28	100

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN3-4A	3-28	40	AN364-1032A	3-11	160
AN3-4A	3-6	250	AN364-1032A	3-13	60
AN3-4A	3-7	150	AN364-1032A	3-21	50
AN3-4A	3-7	250	AN364-1032A	3-26	220
AN3-4A	6-13	186	AN364-1032A	5-1	150
AN3-4A	6-13	260	AN364-1032A	5-3	460
AN3-4A	7-10	650	AN364-1032A	5-5	300
AN3-4A	7-9	380	AN364-1032A	6-13	–
AN3-4A	8-18	80	AN364-1032A	6-13	–
AN3-4A	8-19	70	AN364-1032A	6-13	–
AN3-4A	8-6	40	AN364-1032A	6-13	188
AN3-4A	8-6A	130	AN364-1032A	6-13	195
AN3-4A	9-5	40	AN364-1032A	6-14	130
AN3-5	3-10	230	AN364-1032A	6-3	40
AN3-5A	12-3	70	AN364-1032A	8-11	70
AN3-5A	3-12	70	AN364-1032A	8-14	130
AN3-5A	3-20	500	AN364-1032A	8-19	40
AN3-5A	3-20A	500	AN364-1032A	8-6A	150
AN3-5A	3-20B	500	AN364-1032A	7-1	–
AN3-5A	3-21	20	AN364-1032A	7-3	70
AN3-5A	3-7	330	AN364-1032A	7-9	140
AN3-5A	5-5	310	AN364-1032A	7-17	110
AN3-5A	7-15	240	AN364-1216A	4-2	270
AN3-5A	7-16	150	AN364-1216A	7-20	560
AN3-5A	7-5	870	AN364-428	8-12	130
AN3-5A	7-9	90	AN364-428	8-18	180
AN3-5A	8-12	160	AN364-428	8-8	60
AN3-6	12-7	190	AN364-428A	3-22	180
AN3-6	3-13	90	AN364-428A	3-22	290
AN363-524	3-3	180	AN364-428A	3-23	190
AN364-1018A	5-6	20	AN364-428A	5-1	490
AN364-1032	8-12	100	AN364-428A	5-1	70
AN364-1032	8-12	180	AN364-428A	5-5	140
AN364-1032	8-13	70	AN364-428A	6-13	–
AN364-1032	8-18	30	AN364-428A	7-17	360
AN364-1032	8-5	260	AN364-428A	8-11	10
AN364-1032	8-5A	160	AN364-428A	8-11	150
AN364-1032	8-6	60	AN364-428A	12-13	300
AN364-1032	8-7	70	AN364-428A	12-10	160
AN364-1032A	3-10	190	AN364-428A	12-11	230

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN364-428A	12-12	270	AN364-832A	7-5	200
AN364-524A	5-4	230	AN364-832A	7-11	470
AN364-524A	7-20	—	AN364-W33A	7-9	390
AN364-524A	7-21	30	AN365-1032	8-18	220
AN364-624A	4-2	320	AN365-1032A	11-11	90
AN364-624A	5-3	330	AN365-1032A	11-18	10
AN364-624A	7-19	40	AN365-1032A	12-2	80
AN364-632A	6-14	40	AN365-1032A	3-10	155
AN364-632A	6-4	—	AN365-1032A	3-10	40
AN364-632A	6-4	—	AN365-1032A	3-11	100
AN364-632A	6-4	—	AN365-1032A	3-12	50
AN364-632A	6-4	—	AN365-1032A	3-20	520
AN364-632A	6-4	—	AN365-1032A	3-20A	520
AN364-632A	6-4	—	AN365-1032A	3-20B	520
AN364-632A	6-6	190	AN365-1032A	3-23	580
AN364-632A	9-2	41	AN365-1032A	3-6	170
AN364-632A	12-13	330	AN365-1032A	3-6	270
AN364-632A	7-1	—	AN365-1032A	3-7	140
AN364-632A	7-11	440	AN365-1032A	5-3	220
AN364-632A	12-11	50	AN365-1032A	5-6	—
AN364-632A	12-12	300	AN365-1032A	7-9	110
AN364-820A	5-3	130	AN365-1032A	7-9	350
AN364-820A	5-4	120	AN365-1032A	7-15	70
AN364-832	6-5	32	AN365-1032A	7-16	60
AN364-832	9-3	360	AN365-1032A	7-17	160
AN364-832A	10-3	—	AN365-1032A	7-20	160
AN364-832A	10-3	—	AN365-1032A	8-15	120
AN364-832A	10-3	—	AN365-1032C	3-27	70
AN364-832A	10-3	—	AN365-1032C	3-28	110
AN364-832A	10-4	270	AN365-1032C	3-28	110
AN364-832A	10-4	410	AN365-1032C	3-28	50
AN364-832A	10-4	90	AN365-425	7-22	90
AN364-832A	11-19	228	AN365-428	5-6	310
AN364-832A	3-2	190	AN365-428	5-7	80
AN364-832A	6-6	340	AN365-428A	12-2	110
AN364-832A	6-7	110	AN365-428A	5-4	410
AN364-832A	6-7	210	AN365-428A	6-2	—
AN364-832A	9-2	32	AN365-428A	7-5	890
AN364-832A	9-3	410	AN365-428A	7-15	190
AN364-832A	11-11	200	AN365-428A	7-16	220

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN365-428A	7-17	250	AN380-4-8	4-2	200
AN365-428A	7-19	100	AN381-2-10	12-8	250
AN365-428A	7-20	120	AN381-2-10	5-1	300
AN365-524A	4-1	140	AN381-2-10	7-6	70
AN365-524A	7-19	70	AN381-2-10	8-3	50
AN365-524A	7-20	70	AN381-2-10	8-5	470
AN365-624A	5-4	380	AN381-2-12	3-24	530
AN365-632A	3-17	130	AN381-2-16	12-8	90
AN365-632A	6-11	–	AN381-2-7	8-2	70
AN365-632A	6-6	260	AN381-2-7	8-3A	370
AN365-632A	7-21	280	AN381-2-7	8-4	300
AN365-632A	7-8	150	AN381-2-7	7-5	280
AN365-632A	7-9	70	AN381-2-8	10-3	–
AN365-632A	9-3	110	AN381-2-8	10-4	170
AN365-632A	9-4	100	AN381-2-8	12-10	210
AN365-632A	9-4	210	AN381-2-8	12-6	100
AN365-8	10-1	–	AN381-2-8	12-6	210
AN365-832	10-2	–	AN381-2-8	12-7	250
AN365-832	7-1	80	AN381-2-8	3-10	250
AN365-832	7-1	–	AN381-2-8	3-11	320
AN365-832	7-1	–	AN381-2-8	3-13	110
AN365-832	7-1	670	AN381-2-8	3-14	60
AN365-832	7-4	150	AN381-2-8	3-15	60
AN365-832A	3-10	100	AN381-2-8	3-28	320
AN365-832A	3-2	190	AN381-2-8	5-2	110
AN365-832A	6-11	221	AN381-2-8	5-3	410
AN365-832A	8-6	120	AN381-2-8	5-5	170
AN365-832A	8-6A	60	AN381-2-8	8-20	80
AN365-832A	7-5	380	AN381-2-8	8-3	100
AN365-832A	7-8	50	AN381-2-8	8-4	190
AN365-832A	7-9	320	AN381-2-8	8-5	420
AN3-6A	3-21	20	AN381-2-8	8-5A	130
AN3-6A	3-3	–	AN381-2-8	8-6A	200
AN3-6A	6-13	–	AN381-2-8	8-21	70
AN3-6A	7-10	–620	AN381-3-12	8-5A	80
AN3-7	3-10	330	AN381-3-16	4-3	170
AN3-7	3-14	10	AN381-3-16	8-1	140
AN3-7	3-15	10	AN381-3-16	8-3A	410
AN380-2-2	10-1	11	AN386-2-7A	12-2	60
AN380-2-2	10-2	12	AN386-2-7A	5-6	–

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN386-2-8A	12-2	50	AN4-17	8-5	370
AN393-11	3-28	300	AN4-17A	5-6	290
AN393-11	7-5	270	AN4-17A	5-7	60
AN394-17	5-5	150	AN4-17A	8-8	110
AN3C10A	3-29	100	AN4-20	8-20	220
AN3C4A	3-27	60	AN4-20A	7-15	270
AN3C4A	3-28	100	AN4-20A	7-16	200
AN3C4A	3-28	40	AN4-20A	7-17	230
AN3H3A	12-1	240	AN4-21A	7-15	170
AN3H5A	12-3	70A	AN4-21A	7-16	110
AN3H-5A	5-3	450	AN4-22A	7-15	260
AN3H6A	5-3	450	AN4-22A	7-17	280
AN4076-1	11-19	130	AN4-23	8-3A	310
AN4076-1	5-6	160	AN4-23A	5-1	220
AN4-10A	8-11	130	AN426A3-3	3-19	–
AN4-10A	8-8	70	AN4-27A	7-20	550
AN4-11	5-3	360	AN42B-14	7-1	–
AN4-11	8-4	230	AN42B-C11A	7-3	50
AN4-11A	7-17	340	AN42B-C12A	7-3	50
AN4-11A	8-8	140	AN42B-C14A	7-3	50
AN4-12A	5-5	100	AN4-30A	7-20	100
AN4-12A	8-8	30	AN4-31A	7-22	70
AN4-13	12-6	10	AN4-34A	7-20	240
AN4-13	12-10	250	AN4-37	3-11	270
AN4-13A	3-22	270	AN4-37A	7-20	270
AN4-13A	3-23	290	AN4-3A	3-22	160
AN4-13A	5-5	350	AN4-3A	3-23	180
AN4-14	12-6	190	AN4-3A	6-13	180
AN4-14	5-1	260	AN4-3A	6-2	–
AN4-14	5-3	550	AN4-3A	6-2	–
AN4-14	8-3	70	AN4-3A	6-2	–
AN4-14A	7-13	50	AN4-3A	6-2	–
AN4-14A	7-19	80	AN4-4A	5-6	220
AN4-14A	7-20	290	AN4-4A	7-13	30
AN4-14A	8-12	110	AN4-4A	12-10	180
AN4-14A	8-18	160	AN4-5A	5-3	150
AN4-15A	5-1	10	AN4-5A	12-13	280
AN4-16	3-11	330	AN4-5A	12-12	250
AN416-1	12-5	110	AN4-6A	5-1	470
AN4-17	8-20	20	AN4-6A	9-5	10

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN4-7A	12-2	90	AN503-416-10	3-4	40
AN4-7A	5-4	390	AN503-416-28	3-20	530
AN4-7A	7-5	950	AN503-416-28	3-20A	530
AN4-7A	7-13	10	AN503-416-28	3-20B	530
AN4C5A	3-29	60	AN503-416-28	3-7	360
AN4H10A	4-4	170	AN503-8-6	8-7	–
AN4H-12A	3-11	260	AN503-8-6	8-10	380
AN4H15A	4-4	280	AN503-8-8	8-9	130
AN4H4A	12-13	270	AN503-8-8	8-9	380
AN4H-4A	12-9	120	AN503-8-8	8-10	130
AN4H-4A	12-11	170	AN507-1032-8	7-5	460
AN4H-4A	12-12	240	AN507-1032R14	6-13	130
AN4H-5A	12-10	300	AN507-632-5	7-1	500
AN4H-5A	12-11	210	AN507-632R12	6-4	100
AN500-416-7	3-23	160	AN507-632R14	6-6	170
AN500-6-8	3-26	110	AN507-632R24	6-6	160
AN502-10-10	8-3A	260	AN507-632R5	7-11	420
AN502-10-10	8-9	20	AN507-632R8	6-4	50
AN502-10-10	8-10	20	AN507-632R8	6-6	210
AN502-10-10	7-15	140	AN507-632R8	6-6	380
AN502-10-10	7-16	240	AN507-832-16	6-9	50
AN502-10-14	3-28	220	AN507-832R10	11-20	120
AN502-10-8	3-20	400	AN507-832R7	7-2	100
AN502-10-8	3-20A	400	AN507-832R9	7-1	680
AN502-10-8	3-20B	400	AN507-8R9	7-4	110
AN502-10-8	3-9	130	AN507-B-632-R6	11-6	430
AN502-10-8	8-9	–	AN507C1032-12	7-1	820
AN502-10-8	8-10	–	AN507C-1032-12	7-1	–
AN503-10-10	8-2	10	AN507C-632-8	7-1	300
AN503-10-10	8-3A	170	AN507C-832-12	7-1	280
AN503-10-18	12-8	260	AN509-10R16	6-13	192
AN503-10-18	12-5	690	AN509-10R38	3-12	80
AN503-10-6	5-2	50	AN509-832R4	6-11	240
AN503-10-8	12-7	240	AN509-8R10	7-4	140
AN503-10-8	3-3	210	AN509-8R12	7-1	870
AN503-416-10	3-20	530	AN509-8R16	7-4	280
AN503-416-10	3-20	530	AN509-8R18	7-1	60
AN503-416-10	3-20A	530	AN509-8R4	8-13	30
AN503-416-10	3-20B	530	AN5-10	8-5	430
AN503-416-10	3-20B	530	AN5-11	8-20	180

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN5-11	8-4	200	AN515-8R10	3-7	50
AN5-11	8-5	520	AN515-8R10	11-13	100
AN5-11	8-6A	160	AN515-8R10	11-16	120
AN5-11A	3-3	170	AN515-8R12	3-4	280
AN5-12	8-3	20	AN515-8R14	6-11	60
AN5-12	8-5	510	AN515-8R16	3-22	100
AN5-13	8-5A	90	AN515-8R16	11-13	150
AN515-10-16	12-10	280	AN515-8R20	3-24	250
AN515-10-6	3-1	60	AN515-8R7	10-3	–
AN515-4R12	8-9	60	AN515-8R7	10-3	7
AN515-4R12	8-10	60	AN515-8R7	10-3	8
AN515-6-6	3-20	340	AN515-8R7	3-17	140
AN515-6-6	3-20A	340	AN515-8R7	3-20	430
AN515-6-6	3-20B	340	AN515-8R7	3-20A	430
AN515-6-6	6-4	260	AN515-8R7	3-20B	430
AN515-6-6	6-4	300	AN515-8R7	3-6	230
AN515-6-R11	6-5	190	AN515-8R7	3-7	250
AN515-6R3	11-17	20	AN515-8R7	3-7	280
AN515-6R7	3-17	110	AN515-8R8	10-2	–
AN515-6R8	3-26	110	AN515-8R8	10-3	–
AN515-8-10	6-1	130	AN515-8R8	10-4	180
AN515-8-10	6-1	70	AN515-8R8	10-4	230
AN515-8-10	11-14	–	AN515-8R8	10-4	50
AN515-8-16	3-22	100	AN515-8R8	12-4	90
AN515-8-16	11-14	110	AN515-8R8	3-19	140
AN515-8-16	12-9	210	AN515-8R8	3-2	260
AN515-8-20	11-14	170	AN515-8R8	3-20	570
AN515-8-24	11-14	–	AN515-8R8	3-20A	570
AN515-8-7	10-1	20	AN515-8R8	3-20B	570
AN515-8-7	10-2	22	AN515-8R8	3-24	130
AN515-8-8	3-2	230	AN515-8R8	11-17	150
AN515-8-8	6-1	110	AN515-8R8	7-9	300
AN515-8-8	6-1	50	AN515-8R8	7-9	400
AN515-8-8	11-14	160	AN515-8-R8	11-18	40
AN515-8R10	3-22	400	AN515-8R8-832	3-2	230
AN515-8R10	3-23	80	AN515B-6-R12	11-6	50
AN515-8R10	3-24	240	AN515B-6-R14	11-5	–
AN515-8R10	3-4	280	AN515B-6-R14	11-6	140
AN515-8R10	3-5	50	AN515B-6-R16	11-6	60
AN515-8R10	3-6	90	AN515B-6-R18	11-6	130

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN515-B6R3	11-8	130	AN525-832R6	8-6A	40
AN515-B6R3	11-9	–	AN525-832R6	7-1	440
AN515-B6R3	11-7	330	AN525-832R6	7-8	110
AN515B-6-R6	11-6	220	AN525-832R7	7-1	410
AN515B-6-R7	11-6	380	AN525-832R7	7-5	600
AN515B-8-R12	11-8	515	AN525-832R7	7-9	–
AN5-16	8-4	140	AN525-832R7	7-11	450
AN517-8R7	3-9	90	AN525-832R8	11-19	205
AN5-17A	7-20	400	AN525-832R8	3-23	50
AN520-10-16	12-11	310	AN525-832R8	3-25	20
AN520-10-16	12-12	230	AN525-832R8	6-10	60
AN520-10-40	12-11	340	AN525-832R8	11-11	180
AN520-10-40	12-12	330	AN525-832R8	11-16	60
AN520-10-9	7-9	120	AN525-832R8	7-5	180
AN5-22	5-1	400	AN525-832R8	7-5	310
AN5-22A	7-20	420	AN525-832R8	7-5	820
AN525-1032-8	7-9	330	AN525-832R8	7-8	30
AN525-1032R12	7-17	90	AN525-832R8	7-8	320
AN525-10R10	7-6	360	AN525-832R8	7-10	100
AN525-10R24	6-13	70	AN525-832R8	7-12	40
AN525-10R7	3-17	140	AN525-832R8	7-15	120
AN525-10R7	7-10	265	AN525-832R8	7-16	260
AN525-10R8	7-10	590	AN526-1032-6	12-9	200
AN525-10R8	9-3	370	AN526-1032R6	6-14	110
AN525-8R6	5-1	340	AN526-1032R8	3-20	565
AN525-832-18	7-1	640	AN526-1032R8	3-20A	565
AN525-832R10	11-19	185	AN526-1032R8	3-20B	565
AN525-832R10	9-2	30	AN526-1032R8	3-20B	565
AN525-832R10	9-3	370	AN526-1032R8	3-5A	150
AN525-832R10	7-5	450	AN526-1032R8	6-13	–
AN525-832R10	7-10	70	AN526-1032R8	11-11	70
AN525-832R10	7-12	50	AN526-1032R8	7-5	510
AN525-832R14	6-11	150	AN526-632-5	7-1	–
AN525-832R16	7-4	180	AN526-632R10	9-2	39
AN525-832R18	3-24	250	AN526-632R12	11-19	45
AN525-832R20	6-5	30	AN526-632R16	6-5	–
AN525-832R22	3-25	90	AN526-632R16	6-5	–
AN525-832R6	3-1	160	AN526-632R4	5-4	340
AN525-832R6	6-5	220	AN526-632R5	6-14	20
AN525-832R6	7-6	260	AN526-632R6	6-6	250

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN526-632R6	11-20	40	AN526-832R8	7-5	180
AN526-632R6	7-9	50	AN526-832R8	7-8	30
AN526-632R7	6-4	130	AN526-832R8	7-12	40
AN526-632R7	6-6	280	AN526-832R8	7-15	320
AN526-632R7	11-20	50	AN526-832R8	7-16	70
AN526-632R8	6-4	170	AN526-832R8	7-17	120
AN526-632R8	6-4	280	AN526-832R9	6-5	245
AN526-632R8	6-6	310	AN526-8-8	7-1	230
AN526-632R8	6-6	370	AN526-8R12	7-4	60
AN526-632R8	6-7	160	AN526-8R7	3-10	80
AN526-632R8	7-1	—	AN526-8R8	9-3	330
AN526-632R9	7-3	130	AN526C1032-9	7-3	90
AN526-6R6	3-16	80	AN526-C1032-9	7-1	—
AN526-6R8	7-4	360	AN526C832R8	3-22	50
AN526-832-5	3-2	260	AN530-6-6	7-1	210
AN526-832-8	7-8	180	AN530-6-8	9-3	40
AN526-832R10	6-11	210	AN530-6-8	9-4	40
AN526-832R10	6-5	240	AN530-6-8	7-1	—
AN526-832R10	6-7	30	AN530-6R6	3-17	30
AN526-832R10	7-12	50	AN530-6R6	3-17	60
AN526-832R6	6-13	250	AN530-6R6	7-5	860
AN526-832R6	6-4	200	AN530-6R8	7-5	640
AN526-832R7	10-4	300	AN530-8-7	7-1	—
AN526-832R7	10-4	390	AN530-8-8	10-1	7
AN526-832R7	3-10	80	AN530-8-8	10-2	7
AN526-832R7	6-11	210	AN530-8R8	10-3	4
AN526-832R8	10-3	12	AN530-8R8	10-4	130
AN526-832R8	11-19	226	AN530-8R8	3-17	160
AN526-832R8	3-2	120	AN530-8R8	3-17	180
AN526-832R8	6-10	60	AN530-8R8	9-1	3
AN526-832R8	6-13	250	AN530-8R8	9-3	530
AN526-832R8	6-5	210	AN530-8R8	9-4	—
AN526-832R8	6-5	40	AN530-8R8	7-9	210
AN526-832R8	6-6	320	AN530C8-8	3-27	—
AN526-832R8	6-7	90	AN531-6-6	7-5	590
AN526-832R8	6-8	40	AN531-6R10	9-4	40
AN526-832R8	9-1	6	AN531-6R10	9-4	80
AN526-832R8	9-2	12	AN531-6R6	7-1	130
AN526-832R8	9-3	270	AN531-6R6	7-4	400
AN526-832R8	9-4	240	AN531-6R8	9-3	60

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN531-6R8	9-4	60	AN742-F6	3-20	620
AN531-6R8	7-4	600	AN742-F6	3-20A	620
AN5-35A	5-4	210	AN742-F6	3-20B	620
AN5-35A	7-19	50	AN742F8	5-5	290
AN5-35A	7-20	330	AN743-13	10-1	21
AN536-632R6	7-8	130	AN743-13	10-2	23
AN5-37A	7-20	300	AN743-13	10-3	17
AN5-43A	4-1	50	AN743-13	10-4	470
AN5-44A	4-1	50	AN743-13	11-15	110
AN5-4A	6-13	220	AN743-13	11-19	230
AN5546-1	11-19	135	AN743-13	3-24	–
AN5546-1	5-6	170	AN743-13	3-24	–
AN5-6A	7-20	60	AN743-13	3-24	–
AN5C13A	3-29	90	AN743-13	3-24	320
AN5H10A	7-13	60	AN743-13	11-11	100
AN5H-45A	4-1	20	AN743-13	11-13	140
AN5H-46A	4-1	20	AN743-13	11-14	150
AN5H-6A	4-1	10	AN74A11	3-3	50
AN5H7A	7-13	90	AN74A4	3-1	130
AN6-10A	5-4	360	AN74A4	3-2	290
AN6195-8Z-1D	9-3	–	AN74A4	3-29	80
AN6195-8Z-1D	9-3	–	AN74A5	3-3	110
AN6-22	8-5A	60	AN7-50	3-30	10A
AN6227-6	5-6	–	AN75A12	8-4	260
AN665-21R	7-5	400	AN75-A12	4-2	350
AN665-46R	5-5	180	AN75A41	3-23	460
AN737TW22	3-3	320	AN75A5	3-29	70
AN737TW22	3-4	80	AN75A5	3-3	20
AN737TW34-38	3-3	130	AN75A6	4-2	340
AN73A3	5-3	430	AN75A6	8-4	250
AN742-40	10-1	–	AN7H7A	12-13	350
AN742D28	3-5A	90	AN7H-7A	12-9	10
AN742D28	3-5A	170	AN7H-7A	12-11	10
AN742D38	10-3	–	AN7H-7A	12-12	320
AN742D48	10-3	–	AN8-10A	5-4	20
AN742D48	10-3	15	AN814-2DL	12-1	70
AN742D48	10-4	250	AN814-2DL	4-4	260
AN742D48	10-4	70	AN815-4	3-22	440
AN742D-48	3-1	40	AN815-4	3-23	440
AN742-D48	10-2	28	AN815-4	11-11	150

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN815-4D	3-4	170	AN818-4D	3-24	80
AN815-4D	11-7	690	AN822-4D	3-24	350
AN815-4D	11-8	340	AN822-4D	11-11	20
AN815-4D	11-9	270	AN822-6D	3-26	180
AN815-4D	11-10	100	AN823-4D	3-24	350
AN815-4D	11-12	40	AN823-6-6D	3-6	20
AN815-4D	11-13	70	AN824-4D	11-11	40
AN815-4D	11-15	60	AN824-4D	11-12	30
AN815-6	3-23	—	AN824-4D	11-15	55
AN815-6	3-6	70	AN824-4D	3-24	100
AN815-6	3-8	80	AN824-4D	3-24	100
AN816-4	3-4	190	AN824-6D	3-4	100
AN816-4	3-8	40	AN832-4	3-24	180
AN816-4D	11-8	—	AN832-4D	3-24	180
AN816-4D	11-8	—	AN832-4D	11-10	70
AN816-4D	11-8	—	AN832-4D	11-11	110
AN816-4D	11-8	—	AN833-4	11-13	60
AN816-4D	11-8	325	AN833-4	11-14	10
AN816-4D	11-9	255	AN833-4D	11-15	15
AN816-4D	3-22	310	AN834-4	3-24	380
AN816-4D	3-23	320	AN834-4D	3-24	380
AN816-4D	3-24	350	AN834-4D	11-11	40
AN816-4D	3-24	80	AN900-10	5-6	120
AN816-4D	3-8	40	AN900-6	5-6	140
AN816-4D	11-7	730	AN900-8	5-6	120
AN816-4D	11-12	10	AN911-1D	3-24	360
AN816-4D	11-12	130	AN911-1D	11-13	190
AN816-4D	11-13	180	AN911-4D	3-24	360
AN816-6	3-22	230	AN911-4D	11-12	120
AN816-6	3-23	400	AN914-1D	3-23	610
AN816-6D	3-24	270	AN916-516L	8-6A	180
AN816-6D	5-6	110	AN917-10	11-8	455
AN818-4D	11-15	—	AN917-1D	11-7	970
AN818-4D	11-15	—	AN917-1D	11-9	365
AN818-4D	11-15	—	AN917-1D	11-13	—
AN818-4D	11-15	—	AN917-4D	11-12	50
AN818-4D	11-15	—	AN919-1	3-22	500
AN818-4D	11-15	—	AN919-1S	3-23	520
AN818-4D	11-15	—	AN919-1S	11-10	40
AN818-4D	11-15	—	AN924-4	11-15	25

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN924-4	3-24	190	AN935-4	8-9	80
AN924-4	11-14	20	AN935-4	8-10	80
AN924-4D	3-2	140	AN935-416	5-6	230
AN924-4D	11-10	90	AN935-6	3-16	100
AN924-4D	11-11	130	AN935-6	3-20	360
AN924-4W	11-11	130	AN935-6	3-20A	360
AN924-6D	3-2	210	AN935-6	3-20B	360
AN931-10-14	7-8	330	AN935-6	11-5	–
AN931-12-17	7-8	290	AN935-6	11-6	90
AN931-12-20	3-23	490	AN935-6	11-20	70
AN931-2-9	3-22	490	AN935-6	7-1	–
AN931-2-9	3-23	510	AN935-8	10-2	–
AN931-3-10	6-4	290	AN935-8	10-3	–
AN931-3-9	3-4	60	AN935-8	10-4	190
AN931-4-16	3-24	510	AN935-8	11-18	55
AN931-4-7	6-10	70	AN935-8	12-4	110
AN931-4-7	6-11	180	AN935-8	3-2	240
AN931-4-7	6-7	220	AN935-8	3-20	590
AN931-4-7	6-7	70	AN935-8	3-20A	590
AN931-4-7	11-16	90	AN935-8	3-20B	590
AN931-4-7	11-17	80	AN935-8	3-22	120
AN931-5-12	3-2	170	AN935-8	3-23	100
AN931-5-9	3-10	50	AN935-8	3-24	150
AN931-5-9	3-2	170	AN935-8	3-4	300
AN931-6-10	3-15	140	AN935-8	3-5	70
AN931-6-10	6-14	50	AN935-8	3-6	110
AN931-6-10	11-17	60	AN935-8	3-7	70
AN931-8-13	3-22	330	AN935-8	3-9	110
AN931-8-13	6-9	90	AN935-8	5-1	350
AN931-8-13	7-8	340	AN935-8	6-1	–
AN932-D3	3-26	170	AN935-8	6-1	–
AN935-10	3-1	80	AN935-8	6-1	–
AN935-10	3-20	585	AN935-8	6-1	–
AN935-10	3-20A	585	AN935-8	6-13	–
AN935-10	3-20B	585	AN935-8	11-13	130
AN935-10	6-13	–	AN935-8	11-14	130
AN935-10	8-9	–	AN935-8	11-16	70
AN935-10	8-10	–	AN935-8	11-17	170
AN935-10L	3-25	60	AN935-8L	7-1	660
AN935-10L	7-5	660	AN935-8L	7-2	120

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN935-BBL	11-8	510	AN960-10	6-13	–
AN936A10	3-20	410	AN960-10	6-13	–
AN936A10	3-20A	410	AN960-10	6-13	193
AN936A10	3-20B	410	AN960-10	7-3	100
AN936A1216	3-15	90	AN960-10	7-4	160
AN936A1216	3-24	450	AN960-10	7-5	580
AN936A516	3-24	70	AN960-10	7-9	130
AN936A516	3-24	70	AN960-10	7-15	110
AN936A516	3-3	300	AN960-10	7-17	170
AN936A516	6-13	–	AN960-10	7-20	150
AN936-A6	3-17	70	AN960-10	8-9	30
AN936-A6	6-6	270	AN960-10	8-10	30
AN936A716	3-14	100	AN960-10	8-15	110
AN936A716	3-15	110	AN960-10L	12-1	230
AN936A8	9-3	300	AN960-10L	12-13	–
AN936A8	9-4	260	AN960-10L	12-7	200
AN960-10	10-3	–	AN960-10L	12-8	270
AN960-10	11-18	15	AN960-10L	3-1	70
AN960-10	12-10	290	AN960-10L	3-10	150
AN960-10	12-11	320	AN960-10L	3-10	180
AN960-10	12-12	220	AN960-10L	3-12	40
AN960-10	12-13	240	AN960-10L	3-13	50
AN960-10	12-4	270	AN960-10L	3-14	20
AN960-10	3-11	400	AN960-10L	3-15	20
AN960-10	3-11	90	AN960-10L	3-20	460
AN960-10	3-12	30	AN960-10L	3-20A	460
AN960-10	3-20	510	AN960-10L	3-20B	460
AN960-10	3-20A	510	AN960-10L	3-21	30
AN960-10	3-20B	510	AN960-10L	3-21	40
AN960-10	3-21	30	AN960-10L	3-22	30
AN960-10	3-21	40	AN960-10L	3-23	570
AN960-10	3-23	30	AN960-10L	3-24	540
AN960-10	3-28	–	AN960-10L	3-25	70
AN960-10	3-6	160	AN960-10L	3-28	310
AN960-10	3-7	130	AN960-10L	3-3	–
AN960-10	4-2	–	AN960-10L	3-6	260
AN960-10	4-2	430	AN960-10L	3-7	160
AN960-10	4-2.1	140	AN960-10L	3-7	260
AN960-10	5-1	450	AN960-10L	4-2.1	150
AN960-10	5-3	210	AN960-10L	5-1	130

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN960-10L	5-2	60	AN960-416	10-1	–
AN960-10L	5-3	200	AN960-416	12-6	60
AN960-10L	5-3	440	AN960-416	12-6	70
AN960-10L	5-5	260	AN960-416	3-11	350
AN960-10L	6-13	–	AN960-416	3-22	280
AN960-10L	6-13	–	AN960-416	3-23	300
AN960-10L	6-13	187	AN960-416	4-4	160
AN960-10L	6-13	194	AN960-416	5-1	280
AN960-10L	6-13	40	AN960-416	5-3	160
AN960-10L	6-13	60	AN960-416	5-3	390
AN960-10L	6-14	120	AN960-416	5-4	400
AN960-10L	6-2	–	AN960-416	5-5	330
AN960-10L	6-3	30	AN960-416	5-6	240
AN960-10L	7-3	60	AN960-416	8-20	60
AN960-10L	7-5	430	AN960-416	8-3	80
AN960-10L	7-5	880	AN960-416	8-4	290
AN960-10L	7-9	100	AN960-416	8-5	380
AN960-10L	7-15	60	AN960-416	8-8	150
AN960-10L	7-16	160	AN960-416	7-5	900
AN960-10L	7-17	150	AN960-416	7-13	20
AN960-10L	8-12	170	AN960-416	12-9	130
AN960-10L	8-12	90	AN960-416	12-10	220
AN960-10L	8-13	60	AN960-416L	10-2	–
AN960-10L	8-14	120	AN960-416L	10-3	6
AN960-10L	8-18	20	AN960-416L	10-4	160
AN960-10L	8-19	30	AN960-416L	3-1	140
AN960-10L	8-3A	270	AN960-416L	3-11	360
AN960-10L	8-5	250	AN960-416L	3-2	300
AN960-10L	8-5A	150	AN960-416L	3-20	390
AN960-10L	8-6	50	AN960-416L	3-20	540
AN960-10L	8-6A	140	AN960-416L	3-20A	390
AN960-10L	8-7	60	AN960-416L	3-20A	540
AN960-1216	3-24	440	AN960-416L	3-20B	390
AN960-1216L	3-10	110	AN960-416L	3-20B	540
AN960-1216L	3-15	120	AN960-416L	3-22	170
AN960-3	3-20	–	AN960-416L	3-22	170
AN960-3	3-20A	–	AN960-416L	3-23	170
AN960-3	3-20B	–	AN960-416L	3-29	120
AN960-3L	6-7	150	AN960-416L	3-3	100
AN960-4	7-1	800	AN960-416L	3-4	50

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN960-416L	5-1	20	AN960-516L	12-8	220
AN960-416L	5-5	110	AN960-516L	3-29	130
AN960-416L	6-13	–	AN960-516L	4-2	360
AN960-416L	8-11	140	AN960-516L	5-1	410
AN960-416L	8-12	120	AN960-516L	6-13	–
AN960-416L	8-18	170	AN960-516L	7-20	80
AN960-416L	8-2	50	AN960-516L	7-20	–
AN960-416L	8-4	240	AN960-516L	7-21	20
AN960-416L	12-13	260	AN960-516L	8-15	70
AN960-416L	8-8	40	AN960-516L	8-20	200
AN960-416L	7-13	40	AN960-516L	8-4	210
AN960-416L	7-15	180	AN960-516L	8-5	450
AN960-416L	7-16	210	AN960-516L	8-5A	100
AN960-416L	7-17	240	AN960-6	3-20	350
AN960-416L	7-19	90	AN960-6	3-20A	350
AN960-416L	7-20	110	AN960-6	3-20B	350
AN960-416L	7-22	80	AN960-6	6-6	180
AN960-4L	10-3	–	AN960-6	7-21	270
AN960-4L	10-4	320	AN960-616	5-6	270
AN960-4L	8-9	70	AN960-616	7-19	30
AN960-4L	8-10	70	AN960-616L	3-10	110
AN960-4L	7-2	160	AN960-616L	5-4	370
AN960-516	12-7	–55	AN960-616L	8-1	110
AN960-516	12-8	–230	AN960-6L	3-16	90
AN960-516	3-23	470	AN960-6L	3-17	100
AN960-516	3-23	470	AN960-6L	3-17	120
AN960-516	3-3	30	AN960-6L	3-17	40
AN960-516	4-1	60	AN960-6L	6-14	30
AN960-516	4-2	360	AN960-6L	6-4	–
AN960-516	5-1	420	AN960-6L	6-4	–
AN960-516	5-2	90	AN960-6L	6-4	–
AN960-516	5-4	220	AN960-6L	6-4	–
AN960-516	7-13	70	AN960-6L	6-4	–
AN960-516	7-19	60	AN960-6L	6-4	–
AN960-516	8-20	190	AN960-6L	6-6	220
AN960-516	8-3	30	AN960-6L	9-2	40
AN960-516	8-4	170	AN960-6L	9-3	100
AN960-516	8-5	440	AN960-6L	9-4	200
AN960-516	8-6A	170	AN960-6L	9-4	90
AN960-516L	12-7	50	AN960-6L	11-5	–

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN960-6L	11-6	100	AN960-8L	10-3	—
AN960-6L	7-1	—	AN960-8L	10-3	—
AN960-6L	7-8	140	AN960-8L	10-3	—
AN960-6L	7-9	60	AN960-8L	10-3	—
AN960-716	3-2	150	AN960-8L	10-4	200
AN960-716	3-30	70	AN960-8L	10-4	260
AN960-716	11-10	80	AN960-8L	10-4	400
AN960-716	11-11	120	AN960-8L	10-4	80
AN960-716	12-13	340	AN960-8L	11-19	227
AN960-716	12-9	20	AN960-8L	3-10	90
AN960-716	12-11	20	AN960-8L	3-17	150
AN960-716	12-12	310	AN960-8L	3-19	150
AN960-716L	3-10	120	AN960-8L	3-2	180
AN960-716L	3-14	110	AN960-8L	3-20	440
AN960-716L	3-15	130	AN960-8L	3-20	580
AN960-716L	3-30	80	AN960-8L	3-20A	440
AN960-716L	8-1	100	AN960-8L	3-20A	580
AN960-8	10-1	—	AN960-8L	3-20B	440
AN960-8	11-18	45	AN960-8L	3-20B	580
AN960-8	12-4	100	AN960-8L	3-22	110
AN960-8	12-4	320	AN960-8L	3-23	90
AN960-8	3-1	170	AN960-8L	3-24	160
AN960-8	3-7	260	AN960-8L	3-4	290
AN960-8	3-7	290	AN960-8L	3-5	60
AN960-8	6-1	—	AN960-8L	3-6	100
AN960-8	6-11	170	AN960-8L	3-7	60
AN960-8	6-11	220	AN960-8L	3-9	100
AN960-8	6-13	—	AN960-8L	4-1	310
AN960-8	6-7	120	AN960-8L	5-1	360
AN960-8	6-7	200	AN960-8L	6-1	—
AN960-8	11-11	190	AN960-8L	6-1	—
AN960-8	7-1	160	AN960-8L	6-1	—
AN960-8	7-8	120	AN960-8L	6-4	—
AN960-8	12-9	220	AN960-8L	6-5	—
AN960-816	4-3	140	AN960-8L	6-5	—
AN960-816	5-4	160	AN960-8L	6-5	31
AN960-816L	3-24	200	AN960-8L	6-6	330
AN960-8L	10-2	—	AN960-8L	6-7	100
AN960-8L	10-2	—	AN960-8L	9-1	7
AN960-8L	10-3	—	AN960-8L	9-2	13

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN960-8L	9-3	280	AN960C516L	6-13	–
AN960-8L	9-3	350	AN960-C516L	6-13	196
AN960-8L	9-3	400	AN960C616L	3-8	170
AN960-8L	9-4	250	AN960C816	5-3	120
AN960-8L	8-6	110	AN960D10L	3-26	210
AN960-8L	8-6A	50	AN960D10L	8-2	20
AN960-8L	11-13	120	AN960D10L	7-16	50
AN960-8L	11-14	120	AN960D516	4-1	30
AN960-8L	11-16	130	AN960D516	8-4	220
AN960-8L	11-17	160	AN960D616	4-2	310
AN960-8L	7-1	70	AN960D8	4-1	160
AN960-8L	7-1	–	AN960D8	4-2	230
AN960-8L	7-1	–	AN960D8	4-2	40
AN960-8L	7-1	650	AN960PD10	7-9	340
AN960-8L	7-1	–	AN960PD10L	7-17	100
AN960-8L	7-2	110	AN960PD416	11-20	140
AN960-8L	7-4	190	AN960PD416	7-17	210
AN960-8L	7-5	190	AN960PD6L	11-20	60
AN960-8L	7-5	340	AN960PD6L	7-11	430
AN960-8L	7-8	40	AN962-C516L	6-13	196
AN960-8L	7-9	310	AN970-3	6-13	95
AN960-8L	7-11	460	AN975-3	12-2	70
AN960-8L	7-15	330	ANL80	6-13	190
AN960-8L	7-16	80	AP18AU06-02	3-6	10
AN960-8L	7-17	130	AP22-6	4-3	110
AN960-916	3-2	220	AR134-D	7-1	320
AN960C10	3-29	110	AS3494-01	3-8	120
AN960-C10	5-6	–	AS3578-152	5-4	50
AN960C10L	11-11	80	ASMK8T	5-3	520
AN960-C10L	12-3	80	AWG-22-8503-10	11-8	490
AN960-C10L	7-1	–	AWG-22-8503-2	11-8	495
AN960C1216	4-2	260	AX142P	11-20	90
AN960C1216	5-3	470	B-00264-3	6-2	50A
AN960C1216	8-11	270	B-00375-4	6-14	–
AN960-C1216	7-20	570	B-00378-5	11-8	400
AN960-C416	7-1	–	B-00378-5	11-9	310
AN960C416L	12-2	100	B-00378-5	6-14	–
AN960C416L	12-2	100A	B-00378-5	11-7	870
AN960C516	3-29	140	B-1210	12-13	50
AN960-C516	7-1	140	B44-28-2	11-18	130

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
B-44-28-2	12-4	150	CC-3251	7-4	10
B46-2 1/2	8-9	230	CC-3251	7-5	830
B46-2 1/2	8-10	230	CCA-1600	3-6	130
B-4855B-330	11-3	340	CCH25-S10	11-16	40
B-4855B-330	11-4	330	CCH25-S10	11-17	70
B-4855B-330	11-5	—	CCR264SS-3-03	5-3	—
B-4855B-330	11-6	40	CCR264-SS3-3	6-8	—
B-710	11-18	125	CCR264-SS3-3	6-8	—
B-710	12-4	160	CCR274SS-3-02	10-4	310
BA-15	3-1	—	CCR274SS-3-02	11-21	180
BA-15	3-2	—	CCR274SS-3-04	7-20	410
BLDS4-13W/LT	7-20	540	CD7	12-1	—110
BPF-1/2	7-17	190	CD7L	5-6	138
C-2400L4VT-AB	11-1	—	CF600391-00	3-3	—
C2400L4VWAB-RG	11-5	260A	CGP-2	3-23	640
C-2400L4VW-AB-RG	11-2	—	CGP-2	7-10	78
C-2400L4VW-AB-RG	11-3	—	CL30914-2	5-4	—
C-2400L4VW-AB-RG	11-4	270	CM1816	6-5	20
C352TS	9-2	33A	CP25WB+	11-19	215
C352TS	9-3	380	CR 17240	4-2.1	20
C6052-8Z-1	3-27	—	CR163-4-4	10-3	13
C6191-8Z-1	6-12	40	CR163-4-4	10-4	310
C-6352-10Z	3-28	—	CR-163-4-6	7-1	790
C6352-10Z-1	3-28	—	CR3212-4-4	7-4	220
C-836-06	6-12	120	CR3213-4-2	6-13	110
CA151PL	3-1	30	CR3213-4-2	7-4	130
CA-3251	7-1	350	CR3213-4-4	7-4	260
CAV-110H-U	3-23	620	CR3213-5-04	6-11	—
CAV-110R	3-23	310	CR91484-4-03	7-5	50
CAV-110R	3-23	620	CR91484-4-04	7-5	—60
CAV-110RV	3-23	620	CR91484-4-05	7-5	—70
CB35M	6-10	10	CR91484-4-3	7-5	50
CB6009CR08-1P	7-6	250	CR91484-4-4	7-2	150
CBLS18C	6-11	300	CR91484-4-4	7-5	—60
CBR1.5I-M	11-17	200	CR91484-4-5	7-5	—70
CBR1M-M	11-17	190	CS-N-346	6-12	110
CBR2M-M	11-17	190	D1250	7-21	190
CBR3I-M	11-17	200	D6-167	6-6	300
CBR3S-M	11-16	150	D6-167	11-20	30
CBR3S-M	11-17	210	D6810A-12	6-4	110

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
D6SE-167GY	11-20	30	ECD050-11	8-3	110
D-7080A-12	6-4	140	ECD050-11	8-3A	320
DG-167	11-16	50	ECD050-11	8-5	350
DU-08	8-12	50	ECD050-11	9-5	25
EC-801-807	7-5	—	ECD050-11	12-13	290
ECD001-11	12-13	140	ECD050-11	8-8	120
ECD001-11	12-12	130	ECD050-11	7-1	250
ECD002-11	12-13	160	ECD050-11	12-5	380
ECD002-11	12-12	150	ECD050-11	12-10	170
ECD002-13	12-13	160	ECD050-11	12-11	220
ECD002-13	12-11	270	ECD050-11	12-12	260
ECD009-11	8-1	30	ECD050-15	8-11	270
ECD013-11	8-3A	100	ECD050-17	12-13	290
ECD013-13	8-3A	—	ECD050-19	8-4	150
ECD014-11	5-4	260	ECD050-23	11-19	125
ECD014-13	5-4	260	ECD050-25	8-11	20
ECD015-11	12-3	20	ECD060-11	7-6	-175
ECD016-11	12-7	90	ECD060-12	7-6	-185
ECD016-11	12-8	70	ECD060-13	7-5	—
ECD016-11	12-5	—	ECD060-5	7-5	680
ECD018-11	5-3	40	ECD066-1	11-18	115
ECD020-11	5-4	90	ECD066-1	12-4	180
ECD020-13	5-4	90	ECD066-1	8-9	170
ECD030-11	8-3A	390	ECD066-1	8-10	170
ECD030-11	12-5	—	ECD069-11	6-1	90
ECD030-11	12-5	630	ECD069-11	6-2	10
ECD034-11	8-9	280	ECD069-11	6-2	10A
ECD034-11	8-10	280	ECD069-11	6-2	50A
ECD035-11	12-10	40	ECD069-13	6-2	10B
ECD036-11	5-3	300	ECD071-103	11-8	123
ECD037-11	811	250	ECD071-103	11-9	47
ECD050-11	12-6	20	ECD071-103	11-6	240
ECD050-11	12-6	90	ECD071-103	11-7	250
ECD050-11	12-7	140	ECD071-104	11-8	124
ECD050-11	3-3	60	ECD071-104	11-9	48
ECD050-11	5-1	110	ECD071-104	11-6	250
ECD050-11	5-1	480	ECD071-104	11-7	260
ECD050-11	7-6	40	ECD071-105	11-8	125
ECD050-11	8-11	160	ECD071-105	11-9	49
ECD050-11	8-20	30	ECD071-105	11-6	260

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
ECD071-105	11-7	270	ECD071-5	11-4	130
ECD071-106	11-8	126	ECD071-5	11-5	120
ECD071-106	11-9	50	ECD071-6	11-1	210
ECD071-106	11-6	270	ECD071-6	11-2	100
ECD071-106	11-7	280	ECD071-6	11-3	–
ECD071-107	11-8	127	ECD071-6	11-3	100
ECD071-107	11-9	51	ECD071-6	11-4	100
ECD071-107	11-6	280	ECD071-6	11-5	130
ECD071-107	11-7	290	ECD071-7	11-1	230
ECD071-108	11-8	128	ECD071-7	11-2	120
ECD071-108	11-9	52	ECD071-7	11-3	–
ECD071-108	11-6	290	ECD071-7	11-3	120
ECD071-108	11-7	300	ECD071-7	11-4	120
ECD071-11	11-1	190	ECD071-7	11-5	140
ECD071-11	11-2	80	ECD071-8	11-1	250
ECD071-11	11-3	–	ECD071-8	11-2	140
ECD071-11	11-3	80	ECD071-8	11-3	–
ECD071-11	11-4	80	ECD071-8	11-3	140
ECD071-11	11-5	90	ECD071-8	11-4	140
ECD071-11	11-6	230	ECD071-8	11-5	150
ECD071-15	11-8	122	ECD072-11	11-8	170
ECD071-15	11-9	46	ECD072-11	11-9	80
ECD071-15	11-6	230	ECD072-11	11-3	–
ECD071-15	11-7	240	ECD072-11	11-5	70
ECD071-3	11-1	200	ECD072-11	11-6	350
ECD071-3	11-2	90	ECD072-11	11-7	390
ECD071-3	11-3	–	ECD073-1	6-11	90
ECD071-3	11-3	90	ECD073-3	6-11	90A
ECD071-3	11-4	90	ECD075-11	6-1	30
ECD071-3	11-5	100	ECD075-11	6-2	20
ECD071-4	11-1	220	ECD075-11	6-2	20A
ECD071-4	11-2	110	ECD075-11	6-2	20A
ECD071-4	11-3	–	ECD075-13	6-2	20A
ECD071-4	11-3	110	ECD075-13	6-2	20A
ECD071-4	11-4	110	ECD076-11	11-2	40
ECD071-4	11-5	110	ECD076-11	11-3	40
ECD071-5	11-1	240	ECD077-11	11-8	165
ECD071-5	11-2	130	ECD077-11	11-9	70
ECD071-5	11-3	–	ECD077-11	11-3	–
ECD071-5	11-3	130	ECD077-11	11-5	80

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
ECD077-11	11-6	310	EGT-701-4C-A-T	11-19	5
ECD077-11	11-7	380	EL-037360-107	3-28	10
ECD078-11	11-8	465	EL-037360-110	3-28	70
ECD078-11	11-9	375	EL-037360-111	3-28	70
ECD078-11	11-3	–	EL-037360-112	3-28	120
ECD078-11	11-5	–	EL-037360-113	3-28	60
ECD078-11	11-7	990	EL-037360-116	3-28	130
ECD078-11	11-12	–140A	EL-037360-123	3-28	130
ECD079-11	11-3	–	EL-037360-124	3-28	70
ECD079-11	11-12	140	EL-037360-202	3-28	20
ECD083-1	7-20	460	EL-037360-206	3-28	80
ECD085-1	7-20	–	EL-037360-401	3-28	30
ECD085-13	7-20	–	EL-037360-401	3-28	90
ECD085-3	7-20	180	EL-099005-401	3-27	50
ECD088-11	3-25	10	EL-099005-401	3-28	30
ECD088-13	3-25	10	EL-099005-401	3-28	90
ECD088-15	3-25	10	ENS1001	3-3	270
ECD089-3	11-8	45	ENX-0001	3-28	130
ECD089-3	11-9	25	ENX-0001	3-3	–
ECD089-3	11-7	70	F12-NE-4527-02	3-14	50
ECD091-1	4-4	200	F12NE4717-048	8-2	60
ECD091-1	5-3	520	F12NE4717-070	8-1	120
ECD093-11	3-24	440	F12NE4753-02	3-28	350
ECD108-1	11-18	60	F12NE-4753-02	12-7	220
ECD108-3	11-18	65	F12-NE-4753-02	3-10	240
ECD108-3	12-4	20	F12-NE-4753-02	3-11	410
ECD110-11	3-8	190	F12-NE-4753-02	3-13	100
ECD111-11	3-3	260	F12-NE-4753-02	3-14	50
ECD112-1	11-9	100	F12-NE-4753-02	3-15	50
ECD112-3	11-9	170	F12NE4753-048	12-6	110
ECD112-5	11-9	–172	F12NE-4753-048	12-7	150
ECD4060-21	8-16	50	F12NE-4753-048	5-1	290
ECD4060-21	8-17	50	F12NE-4753-048	5-3	400
ECD4079-1	6-11	41	F12NE-4753-048	8-20	70
ECD4089-11	9-4	140	F12NE-4753-048	8-3	90
ECD4089-13	9-1	–	F12NE-4753-048	8-3A	360
ECD4089-15	9-4	150	F12NE-4753-048	8-4	270
ECD4089-17	9-1	–	F12NE-4753-048	8-5	410
EGP3C6TL6	8-12	140	F12-NE-4753-048	3-11	310
EGT-701-4C-A-T	11-8	–	F12-NE-4753-048	12-10	200

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
F12NE-4753-054	8-6A	190	G-89	3-20B	–
F12NE-4753-054	12-7	60	G-89	3-20B	–
F12NE-4753-054	12-8	240	G-89	3-20B	–
F12NE-4753-054	5-1	440	G-89	3-20B	–
F12NE-4753-054	5-2	100	GA4-250	3-2	112
F12NE-4753-054	8-20	210	GA4-250	3-20	–
F12NE-4753-054	8-3	40	GA4-250	3-20A	–
F12NE-4753-054	8-4	180	GA4-250	3-20A	–
F12NE-4753-054	8-5	460	GA4-250	3-20B	–
F12NE-4753-054	8-5A	120	GA4-250	3-20B	–
F12NE-4753-064	8-5A	70	GA4-250	3-20B	–
F12NE-4753-080	4-3	160	GA4-250	3-20B	–
F6YN-625BK	11-20	20	GA4-250	7-1	540
F965	5-6	190	GA4-250	7-10	–
FB68-4	5-1	390	GA4-250	7-10	–
FIT-221V-1/8	11-22	10	GA4-250	7-9	170
FIT-221V-1/8	8-16	–	GB-910	8-4	70
FIT-221V-1/8	8-17	–	GE4313 (250W)	6-4	210
FIT-221V-3/32	11-8	–	GEE62FR-C	11-19	–
FIT-221V-3/32	11-19	170	GEM 610	11-17	10
FN22M-624	4-3	120	GH2 1/2	9-2	33A
FN22M-624	5-6	280	GS-3	3-23	640
G08DU	3-10	310	GS-3	7-11	410
G08DU	3-10	310	GX-5	8-9	210
G08DU	3-13	30	GX-5	8-10	210
G08DU	8-14	70	H-103	6-6	70
G199-105-4	3-22	240	H1-400-14	11-5	260
G199-105-4	3-23	250	H1637Z3	12-3	50
G2-0032	8-5	–180I	H1637Z3	4-1	330
G-243	6-13	80	H1637Z3	8-1	70
G-38517-B-7-A	8-5	180	H1637Z3	8-3A	180
G-89	3-16	–	H1641Z3	12-9	–
G-89	3-16	–	H1641Z3	4-1	260
G-89	3-16	–	H1641Z3	4-2	160
G-89	3-20	–	H1641Z3	5-4	320
G-89	3-20	–	H1641Z3	8-4	90
G-89	3-20	–	H1911Z3	11-18	70
G-89	3-20	–	H1911Z3	4-1	320
G-89	3-20A	–	H1911Z3	5-4	320
G-89	3-20A	–	H1911Z3	8-1	70

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
H1911Z3	8-3A	180	K9000S-1A	3-22	300
H2532-13	7-5	670	K-9000S-1A	3-24	340
H2532-15	7-5	—	K94RA	12-1	110A
H2532-16	7-5	—	KLIK-1185	7-20	540
HDUH	8-10	190	KN500B1/8	11-8	160
HFVV3M	3-14	30	KN500B1/8	11-9	125
HFVV3M	3-15	30	KN500B1/8	11-5	30
HFVV3M	3-28	290	KN500B1/8	11-7	360
HFVV3M	3-28	290	KN500B1/8	11-1	420
HFVV3M	3-28	290	KN500B1/8	11-2	320
HFVV3M	3-28	290	KN500B1/8	11-3	320
HFVV-3M	3-10	260	KN500B1/8	11-4	—
HHJ-A	11-17	40	KN500B1/8	11-6	340
HLUH	8-9	190	KP-16B	12-9	190
HMLVV-5	8-20	140	KP4A	3-11	230
HMLVV5M	12-5	180	KP4A	3-11	340
HMLVV-5M	8-5	270	KRP8A-C	12-10	130
HMVV5	8-20	150	KRP8A-H	12-9	70
HMVV-5	8-3	60	KRP8A-H	12-10	130
HMVV5M	12-5	300	KUP-14D55-24	6-14	10
HMVV-5M	8-3	60	KUP-14D55-472	6-14	10
HMVV-5M	8-5	280	L-141C	11-5	330
HMVV-5M	8-6A	110	L-18X	4-2	60
HPF1260-6-58	4-3	90	LDF-5-157	8-20	230
HR, DF-14R	6-6	90	LDF-6-228	8-5	570
J-10386-2	3-30	—	LE-026B-00MW	7-5	690
J-2214-4	3-30	60	LED-40-1J-HG2-SBMMD	11-9	10
J-2216-18	3-30	10	LED-40-1J-HG2-SBMMF	11-9	5
J-2218-61	3-30	20	LHSSE-5	8-3A	250
J-2309-7	3-30	50	LW-12878-4S260	3-23	480
J3459-8	8-9	140	LW-13464	3-3	240
J3459-8	8-10	140	LW-13476	3-3	190
J-7763-26	3-30	30	LW-13646	3-3	—
J-7766-2	3-30	40	LW-13807	3-3	310
J-D4N-300M	6-14	90	LW-13807	3-5	90
JE-1	5-1	320	LW-14485	3-3	230
K3N	3-28	250	LW-16567	3-28	141
K3N	3-28	250	LW-18959-175-34	11-19	65
K3N	3-28	250	LW-18959-175-34	11-17	—
K3N	3-28	250	LWB-22-6-58	4-3	90

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
M-111	11-19	105	MS16998-44	7-17	180
M-111T	11-19	150	MS17825-3	12-7	220
M12883/41-14	6-14	100	MS17825-3	3-10	240
M144E	5-6	50	MS17825-3	3-11	410
M21919-DG3	7-1	200	MS17825-3	3-13	100
M-5050T	11-19	40	MS17825-3	3-15	50
M81934/1-08C012	8-3A	430	MS17825-3	12-5	250
M81935/1-08K	5-3	520	MS17825-4	12-6	110
M83248/1-008	12-1	120	MS17825-4	12-7	150
M83248/1-152	5-4	50	MS17825-4	3-11	310
M83248-2-010	3-26	30	MS17825-4	5-1	290
M83536/10-015M	6-14	90	MS17825-4	5-3	400
M83536/10-024M	6-14	90	MS17825-4	8-20	70
MC1-106-140	11-16	20	MS17825-4	8-3	90
MC1-A106B	11-16	30	MS17825-4	8-3A	360
MIL-DTL-5593	11-8	–	MS17825-4	8-4	270
MM-113-3/8	11-19	140	MS17825-4	8-5	410
MP-100-012-70	11-1	310	MS17825-4	12-5	400
MP-160-012-100	11-6	–390A	MS17825-4	12-10	200
MP-160-012-70	11-1	40	MS17825-5	12-7	60
MP-160-012-70	11-2	200	MS17825-5	12-8	240
MP-160-012-70	11-3	200	MS17825-5	5-1	440
MP-160-012-70	11-4	200	MS17825-5	5-2	100
MP-160-012-70	11-5	210	MS17825-5	8-20	210
MP-160-012-70	11-6	390	MS17825-5	8-3	40
MR-18	12-10	–	MS17825-5	8-4	180
MR-18	12-11	300	MS17825-5	8-5	460
MRB-2400	9-2	42	MS17825-5	8-5A	120
MS15001-1	4-1	260	MS17825-5	8-6A	190
MS16555-27	4-2.1	30	MS17825-6	8-5A	70
MS16555-618	12-12	50	MS17826-4	8-2	60
MS16562-211	8-9	210	MS17826-5	12-5	230
MS16562-211	8-10	210	MS17984C305	7-6	-75
MS16562-213	5-5	70	MS18063-8	7-4	660
MS16562-213	8-9	240	MS18066-14	8-1	90
MS16562-213	8-10	240	MS18066-8	7-6	270
MS16562-213	8-21	20	MS20002-C6	7-13	110
MS16562-215	4-3	70	MS20002-C6	12-11	80
MS16633-4012	7-6	300	MS20006H12	7-13	120
MS16998-10L	6-11	–	MS20006H14	7-13	100

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS20073-05-A12	8-4	260	MS20426A3-3	7-18	—
MS20073-05-A6	8-4	250	MS20426A3-3.5	3-20	—
MS20074-03-04	5-3	430	MS20426A3-3.5	3-20A	—
MS20074-03-04	8-2	10	MS20426A3-3.5	3-20B	—
MS20074-05-05	3-29	70	MS20426A3-4	3-19	—
MS20074-05-06	4-2	340	MS20426A3-4	3-20	—
MS20074-05-12	4-2	350	MS20426A3-4	3-20	—
MS20074-304	8-2	10	MS20426A3-4	3-20	—
MS201044N3	3-6	170	MS20426A3-4	3-20A	—
MS20253-1	7-8	220	MS20426A3-4	3-20A	—
MS20253-2	7-1	430	MS20426A3-4	3-20B	—
MS20253-2	7-1	570	MS20426A3-4	3-20B	—
MS20253-P2-7200	7-4	—	MS20426A3-4	3-20B	—
MS20257-1	7-8	210	MS20426A3-4	3-20B	—
MS20257-4	7-1	560	MS20426A3-4	3-20B	—
MS20257-P4	7-1	420	MS20426A3-4	3-20B	—
MS20364-1032	8-12	100	MS20426A3-4	9-3	—
MS20364-1032	8-12	180	MS20426A3-4	9-3	—
MS20364-1032	8-13	70	MS20426A3-4	9-4	—
MS20364-1032	8-18	30	MS20426A3-4	9-4	—
MS20364-1032	8-5	260	MS20426A3-4	7-10	400
MS20364-1032	8-5A	160	MS20426A3-4	7-18	—
MS20364-1032	8-6	60	MS20426A3-4	7-18	—
MS20364-1032	8-7	70	MS20426A3-4	7-18	—
MS20364-428	8-12	130	MS20426AD3-2	3-26	—
MS20364-428	8-18	180	MS20426AD3-3	3-17	80
MS20364-428	8-8	60	MS20426AD3-3	3-20	—
MS20365-1032	8-18	220	MS20426AD3-3	3-20	—
MS20365-425	7-22	90	MS20426AD3-3	3-20	—
MS20365-832	7-1	80	MS20426AD3-3	3-20A	—
MS20365-832	7-1	—	MS20426AD3-3	3-20A	—
MS20365-832	7-1	—	MS20426AD3-3	3-20A	—
MS20365-832	7-1	670	MS20426AD3-3	3-20A	—
MS20365-832	7-4	150	MS20426AD3-3	3-20B	—
MS20392-2C11	3-28	300	MS20426AD3-3	3-20B	—
MS20392-2C17	7-6	60	MS20426AD3-3	3-20B	—
MS20392-3C25	12-5	120	MS20426AD3-3	3-26	—
MS20426A3-3	7-18	—	MS20426AD3-3	6-12	50
MS20426A3-3	7-18	—	MS20426AD3-3.5	3-20	—
MS20426A3-3	7-18	—	MS20426AD3-3.5	3-20A	—

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS20426AD3-3.5	3-20B	–	MS20470A3-3	3-20	–
MS20426AD3-4	3-16	70	MS20470A3-3	3-20A	–
MS20426AD3-4	3-18	–	MS20470A3-3	3-20B	–
MS20426AD3-4	3-18	–	MS20470A3-3	7-10	–
MS20426AD3-4	3-18	–	MS20470A3-3	7-10	–
MS20426AD3-4	3-18	–	MS20470A3-4	3-19	–
MS20426AD3-4	3-19	–	MS20470A3-4	3-20	–
MS20426AD3-4	3-19	40	MS20470A3-4	3-20	–
MS20426AD3-4	3-20	–	MS20470A3-4	3-20A	–
MS20426AD3-4	3-20	–	MS20470AD3-3	3-20	–
MS20426AD3-4	3-20	–	MS20470AD3-3	3-20A	–
MS20426AD3-4	3-20	–	MS20470AD3-3	3-5A	20
MS20426AD3-4	3-20	–	MS20470AD3-4	3-18	–
MS20426AD3-4	3-20	–	MS20470AD3-4	3-20	–
MS20426AD3-4	3-20	–	MS20470AD3-4	3-20	–
MS20426AD3-4	3-20	–	MS20470AD3-4	3-20A	–
MS20426AD3-4	3-20	–	MS20470AD3-4	3-20A	–
MS20426AD3-4	3-20	–	MS20470AD3-4	3-20A	–
MS20426AD3-4	3-20A	–	MS20470AD3-4	3-20B	–
MS20426AD3-4	3-20A	–	MS20470AD3-4	3-20B	–
MS20426AD3-4	3-20A	–	MS20470AD3-4	3-20B	–
MS20426AD3-4	3-20A	–	MS20470AD3-4	3-20B	–
MS20426AD3-4	3-20A	–	MS20470AD3-4	3-20B	–
MS20426AD3-4	3-20A	–	MS20470AD3-4	4-2	–
MS20426AD3-4	3-20A	–	MS20470AD3-4	6-7	140
MS20426AD3-4	3-20A	–	MS20470AD3-4	7-10	470
MS20426AD3-4	3-20A	–	MS20470AD3-4	7-9	40
MS20426AD3-4	3-20B	–	MS20470AD4-11	12-5	–
MS20426AD3-4	3-20B	–	MS20470AD4-11	12-5	–
MS20426AD3-4	3-20B	–	MS20470AD4-19	12-5	–
MS20426AD3-4	3-20B	–	MS20470AD4-3	7-10	300
MS20426AD3-4	3-20B	–	MS20470AD4-3.5	7-10	510
MS20426AD3-4	3-20B	–	MS20470AD4-4	3-20	–
MS20426AD3-4	3-20B	–	MS20470AD4-4	3-20	–
MS20426AD3-4	3-20B	–	MS20470AD4-4	3-20A	–
MS20426AD3-4	3-20B	–	MS20470AD4-4	3-20A	–
MS20426AD3-4	3-20B	–	MS20470AD4-4	3-20B	–
MS20426AD3-4	3-20B	–	MS20470AD4-4	3-20B	–
MS20426AD3-4	3-20B	–	MS20470AD4-4	3-20B	–
MS20426AD3-4	7-10	410	MS20470AD4-4	7-9	250
MS20426AD3-5	7-10	–	MS20470AD4-4	7-14	250
MS20426AD3-5	7-10	–			
MS20426AD3-5	7-10	280			
MS20427M4-7	3-21	–			

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS20470AD4-5	3-20	–	MS20995C20	12-8	–280
MS20470AD4-5	3-20A	–	MS20995C25	11-19	165
MS20470AD4-5	3-20B	–	MS20995-C25	12-5	680
MS20470AD4-6	7-15	220	MS20995C32	12-1	–250
MS20470AD4-6	7-16	140	MS20995C32	12-11	–
MS20470AD4-7	7-15	210	MS20995C32	12-12	–
MS20470AD4-7	7-16	130	MS20995C32	12-13	–
MS20470AD5-7	3-21	–	MS20995C32	3-23	–
MS20500-1032	3-29	150	MS20995C32	3-28	–
MS20500-428	3-29	160	MS20995C32	3-3	–
MS20500-524	3-29	170	MS20995C32	3-3	–
MS20500-524	3-3	180	MS20995C32	3-3	–
MS20615-3M10	3-26	130	MS20995C32	4-4	–
MS20668-3	12-5	–	MS20995C32	5-2	–
MS20812-4D	3-24	350	MS20995C32	5-6	–
MS20819-4D	11-15	–	MS20995C32	7-21	100
MS20819-4D	11-15	–	MS20995C32	8-15	80
MS20819-4D	11-15	–	MS20995C32	8-2	80
MS20819-4D	11-15	–	MS20995-C32	12-5	490
MS20819-4D	11-15	–	MS20995-C32	3-26	–
MS20819-4D	11-15	–	MS20995C41	3-3	–
MS20819-4D	11-15	–	MS20995-C41	12-5	480
MS20819-4D	11-15	–	MS21042-3	3-27	70
MS20819-4D	3-24	–	MS21042-3	3-28	110
MS20822-2	11-10	30	MS21042-3	3-28	110
MS20822-4	3-23	200	MS21042-3	3-28	50
MS20822-4D	3-4	220	MS21042-3	5-5	300
MS20822-6-6	3-23	240	MS21042-3	7-6	130
MS20822-6-6	3-8	100	MS21042-3	7-6	470
MS20822-6D	3-26	180	MS21044N04	11-8	120
MS20822-6D	5-6	90	MS21044N04	11-9	–
MS20823	3-22	420	MS21044N04	11-7	230
MS20823-4	3-23	420	MS21044N06	3-17	130
MS20823-4	3-4	190	MS21044N06	6-11	120
MS20823-4	11-10	120	MS21044N06	7-8	150
MS20823-4D	11-10	120	MS21044N06	7-9	70
MS20823-6	3-23	410	MS21044N06	7-10	460
MS-20823-6D	3-6	20	MS21044N06	7-21	280
MS20913-1	3-23	280	MS21044N06	9-1	–
MS20913-1D	3-22	340	MS21044N06	9-4	210

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS21044N08	11-11	90	MS21044N4	5-4	410
MS21044N08	3-10	100	MS21044N4	6-2	–
MS21044N08	6-11	221	MS21044N4	7-6	90
MS21044N08	6-2	–	MS21044N4	7-5	890
MS21044N08	8-6	120	MS21044N4	7-15	190
MS21044N08	8-6A	60	MS21044N4	7-16	220
MS21044N08	7-5	380	MS21044N4	7-17	250
MS21044N08	7-8	50	MS21044N4	7-19	100
MS21044N08	7-9	320	MS21044N4	7-20	120
MS21044N08	7-10	360	MS21044N4	9-5	30
MS21044N3	11-7	630	MS21044N5	4-1	140
MS21044N3	11-8	300	MS21044N5	7-19	70
MS21044N3	11-9	225	MS21044N5	7-20	70
MS21044N3	12-2	80	MS21044N6	5-4	380
MS21044N3	12-4	–300	MS21044N6	7-20	440
MS21044N3	3-10	190	MS21045L3	3-3	–
MS21044N3	3-10	40	MS21045L5	3-3	180
MS21044N3	3-11	100	MS21059L3	3-26	–
MS21044N3	3-12	50	MS21061L08K	3-20	–
MS21044N3	3-20	520	MS21069-06	3-18	–
MS21044N3	3-20A	520	MS21069-06	3-20	–
MS21044N3	3-20B	520	MS21069-06	3-20	–
MS21044N3	3-23	580	MS21069-06	3-20	–
MS21044N3	3-6	270	MS21069-06	3-20A	–
MS21044N3	3-7	140	MS21069-06	3-20A	–
MS21044N3	5-3	220	MS21069-06	3-20A	–
MS21044N3	6-2	–	MS21069-06	3-20B	–
MS21044N3	6-2	–	MS21069-06	3-20B	–
MS21044N3	7-9	110	MS21069-06	3-20B	–
MS21044N3	7-9	350	MS21069-06K	3-20	–
MS21044N3	7-10	610	MS21069-06K	3-20	–
MS21044N3	7-15	70	MS21069-06K	3-20A	–
MS21044N3	7-16	60	MS21069-06K	3-20A	–
MS21044N3	7-17	160	MS21069-06K	3-20B	–
MS21044N3	7-20	160	MS21069-06K	3-20B	–
MS21044N3	8-15	120	MS21069-08	3-20	–
MS21044N3	9-3	410	MS21069-08	3-20A	–
MS21044N3	9-5	80	MS21069-08	3-20B	–
MS21044N3	9-5	125	MS21071-06	3-18	–
MS21044N4	12-2	110	MS21071-06	3-18	–

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS21071-06	3-20	—	MS21083N06	11-8	40
MS21071-06	3-20A	—	MS21083N06	11-9	—
MS21071-06	3-20B	—	MS21083N06	11-9	—
MS21078-06	3-20	—	MS21083N06	11-9	—
MS21078-06	3-20A	—	MS21083N06	12-11	50
MS21078-06	3-20B	—	MS21083N06	12-12	300
MS21078-08	3-19	—	MS21083N06	12-13	330
MS21078-08	3-19	—	MS21083N06	12-5	—
MS21078-08	3-20B	—	MS21083N06	6-11	—
MS21078-08	3-20B	—	MS21083N06	6-14	40
MS21078-08K	3-19	—	MS21083N06	6-4	—
MS21078-08K	3-19	30	MS21083N06	6-4	—
MS21078-08K	3-20	—	MS21083N06	6-4	—
MS21078-08K	3-20A	—	MS21083N06	6-4	—
MS21078-3	3-20	—	MS21083N06	6-4	—
MS21078-3	3-20	—	MS21083N06	6-4	—
MS21078-3	3-20	—	MS21083N06	6-6	190
MS21078-3	3-20A	—	MS21083N06	7-1	—
MS21078-3	3-20A	—	MS21083N06	7-11	440
MS21078-3	3-20B	—	MS21083N06	9-4	100
MS21078-3	3-20B	—	MS21083N08	11-11	200
MS21078-3	3-20B	—	MS21083N08	11-19	245
MS21078-3	3-20B	—	MS21083N08	11-7	670
MS21078-3	3-20B	—	MS21083N08	11-8	315
MS21080-06	3-20	—	MS21083N08	11-9	240
MS21080-06	3-20	—	MS21083N08	5-1	370
MS21080-06	3-20A	—	MS21083N08	6-11	160
MS21080-06	3-20A	—	MS21083N08	6-11	80
MS21080-06	3-20B	—	MS21083N08	6-5	230
MS21080-06	3-20B	—	MS21083N08	6-5	32
MS21080-08	3-19	—	MS21083N08	6-6	340
MS21080-08K	3-19	—	MS21083N08	6-7	110
MS21080-08K	7-10	290	MS21083N08	6-7	210
MS21080-3	3-20	—	MS21083N08	7-11	470
MS21080-3	3-20	—	MS21083N08	7-5	200
MS21080-3	3-20A	—	MS21083N12	7-20	560
MS21080-3	3-20B	—	MS21083N3	3-11	160
MS21080-3	3-20B	—	MS21083N3	3-13	60
MS21080-3	3-20B	—	MS21083N3	3-21	50
MS21083N06	11-7	160	MS21083N3	3-26	220

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS21083N3	3-5A	130	MS21083N4	12-11	230
MS21083N3	3-5A	210	MS21083N4	12-12	270
MS21083N3	4-2	–	MS21083N5	5-4	230
MS21083N3	5-1	150	MS21083N5	7-20	–
MS21083N3	5-3	460	MS21083N6	4-2	320
MS21083N3	5-5	300	MS21083N6	5-3	330
MS21083N3	6-13	–	MS21083N6	7-19	40
MS21083N3	6-13	–	MS21083N6	7-20	440
MS21083N3	6-13	–	MS21240-08C12	8-3A	430
MS21083N3	6-13	188	MS21242S8	5-3	520
MS21083N3	6-13	195	MS21242S8K	4-4	200
MS21083N3	6-2	–	MS21242S8K	5-3	520
MS21083N3	6-2	–	MS21250-06042	5-6	250
MS21083N3	6-3	40	MS21250-06044	5-6	250
MS21083N3	7-6	460	MS21251-B3S	12-5	800
MS21083N3	8-11	70	MS21255-3LS	12-5	810
MS21083N3	8-14	100	MS21255-3RS	12-5	830
MS21083N3	8-14	130	MS21256-1	12-5	820
MS21083N3	8-19	40	MS21262-6	12-9	100
MS21083N3	8-6A	150	MS21262-6	12-10	100
MS21083N3	8-7	–	MS21299C6	4-3	100
MS21083N3	7-1	–	MS21913J4	11-19	145
MS21083N3	7-3	70	MS21919CJ15	11-14	–
MS21083N3	7-9	140	MS21919DF12	11-17	130
MS21083N3	7-17	110	MS21919DF-12	11-16	100
MS21083N3	12-5	150	MS21919-DF12	3-1	50
MS21083N4	3-22	180	MS21919-DF12	3-2	80
MS21083N4	3-22	290	MS21919-DF12	3-6	80
MS21083N4	3-23	190	MS21919DF16	11-17	140
MS21083N4	5-1	490	MS21919DF-3	11-16	110
MS21083N4	5-1	70	MS21919-DF6	3-6	80
MS21083N4	5-5	140	MS21919-DG12	6-13	20
MS21083N4	7-17	360	MS21919-DG-15	11-14	–
MS21083N4	8-11	10	MS21919DG3	11-17	90
MS21083N4	8-11	150	MS21919-DG3	7-5	330
MS21083N4	12-13	300	MS21919DG4	3-24	170
MS21083N4	7-20	260	MS21919F10	11-17	120
MS21083N4	7-21	30	MS21919-F10	3-4	30
MS21083N4	12-5	420	MS21919-F12	3-4	270
MS21083N4	12-10	160	MS21919F4	11-11	60

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS21919F4	11-17	100	MS21919WDF12	3-5	40
MS21919-F4	3-4	240	MS21919WDF3	3-22	460
MS21919F6	11-17	110	MS21919WDG12	3-24	–
MS21919-F6	3-4	250	MS21919WDG12	3-24	220
MS21919F8	10-4	60	MS21919WDG12	3-5A	100
MS21919-F8	10-3	–	MS21919WDG12	3-5A	180
MS21919-F8	3-4	260	MS21919WDG12	6-13	20
MS21919-G38	10-2	–	MS21919WDG-12	11-18	35
MS21919WCJ10	3-23	390	MS21919WDG-12	12-4	80
MS21919WCJ10	3-23	481	MS21919WDG14	3-24	310
MS21919WCJ10	3-4	30	MS21919WDG-14	11-18	30
MS21919WCJ10	11-17	120	MS21919WDG-14	12-4	70
MS21919WCJ12	3-20	560	MS21919WDG15	11-15	125
MS21919WCJ12	3-20A	560	MS21919WDG2	6-5	215
MS21919WCJ12	3-20B	560	MS21919WDG3	10-4	140
MS21919WCJ12	3-20B	560	MS21919WDG3	10-4	240
MS21919WCJ12	3-23	70	MS21919WDG3	3-24	–
MS21919WCJ12	3-24	220	MS21919WDG3	6-7	80
MS21919WCJ12	3-4	270	MS21919WDG-5	11-18	25
MS21919WCJ12	6-2	60	MS21919WDG-5	12-4	60
MS21919WCJ12	11-17	130	MS21919WDG6	11-19	250
MS21919WCJ14	3-23	380	MS21919WDG6	3-24	300
MS21919WCJ14	3-24	310	MS21919WF10	3-22	390
MS21919WCJ14	3-7	90	MS21919WF12	3-20	560
MS21919WCJ16	10-4	60	MS21919WF12	3-20A	560
MS21919WCJ16	11-17	140	MS21919WF12	3-20B	560
MS21919WCJ16	3-23	380	MS21919WF12	3-22	80
MS21919WCJ16	5-5	280	MS21919WF12	3-7	90
MS21919WCJ18	3-7	40	MS21919WF12	6-1	120
MS21919WCJ3	3-24	115	MS21919WF12	6-1	60
MS21919WCJ3	11-17	90	MS21919WF14	3-22	90
MS21919WCJ4	11-11	60	MS21919WF14	3-7	90
MS21919WCJ4	11-15	130	MS21919WF16	3-22	380
MS21919WCJ4	11-17	100	MS21919WF16	5-5	280
MS21919WCJ4	3-24	170	MS21919WF18	3-7	40
MS21919WCJ4	3-4	240	MS21919WF4	11-15	130
MS21919WCJ6	3-24	300	MS21919WF4	3-20	620
MS21919WCJ6	3-4	250	MS21919WF4	3-20A	620
MS21919WCJ6	11-17	110	MS21919WF4	3-20B	620
MS21919WCJ8	3-4	260	MS21919WF-4	3-24	170

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS21919WF6	3-22	70	MS24665-153	3-28	305
MS21919WG38	10-4	250	MS24665-153	3-28	320
MS21919WG38	10-4	420	MS24665-153	5-1	445
MS21919WG38	10-4	70	MS24665-155	12-5	—
MS24566-1B	12-5	890	MS24665-155	12-8	90
MS24566-2B	12-5	860	MS24665-157	12-5	870
MS24566-3B	12-5	880	MS24665-300	12-5	840
MS24586C234	3-11	480	MS24665-300	3-28	320
MS24586C311	3-11	470	MS24665-300	3-30	60
MS24586-C346	3-11	200	MS24665-300	3-30	60A
MS24665-1013	12-6	100	MS24665-300	8-1	130
MS24665-1013	8-2	70	MS24665-300	8-5A	80
MS24665-1013	8-3A	370	MS24665-302	4-3	170
MS24665-1013	8-4	300	MS24665-302	8-1	140
MS24665-1013	7-5	280	MS24665-302	8-3A	410
MS24665-151	12-10	210	MS24665-304	12-5	80
MS24665-151	12-5	260	MS24665-304	5-3	100
MS24665-151	12-6	210	MS24665-360	4-2	200
MS24665-151	12-7	250	MS24665-377	12-5	340
MS24665-151	12-8	250	MS24665-90	3-28	375
MS24665-151	3-10	250	MS24674-45	3-8	180
MS24665-151	3-11	320	MS24677-52	4-2	350
MS24665-151	3-13	110	MS24693-BB26	11-22	60
MS24665-151	3-14	60	MS24693-BB26	11-9	105
MS24665-151	3-15	60	MS24693-BB26	11-9	175
MS24665-151	5-1	300	MS24693-BB26	11-6	430
MS24665-151	5-2	110	MS24693-BB28	11-22	110
MS24665-151	5-3	410	MS24693-BB50	11-8	370
MS24665-151	5-5	170	MS24693-BB50	11-7	810
MS24665-151	8-20	80	MS24693-C274	7-1	820
MS24665-151	8-21	70	MS24693-S25	7-10	440
MS24665-151	8-3	100	MS24693-S25	7-11	420
MS24665-151	8-4	190	MS24693S26	9-3	80
MS24665-151	8-5	420	MS24693S26	9-4	190
MS24665-151	8-5A	130	MS24693-S27	9-1	—
MS24665-151	8-6A	200	MS24693-S287	4-2	—
MS24665-152	8-3	50	MS24693-S48	7-6	240
MS24665-152	8-5	470	MS24693-S49	7-2	100
MS24665-153	12-5	240	MS24693-S50	8-16	100
MS24665-153	3-24	530	MS24693-S50	8-17	100

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS24693-S51	11-20	120	MS27039-0808	7-5	820
MS24693-S51	7-1	680	MS27039-0808	7-15	120
MS24693-S51	7-10	230	MS27039-0808	7-16	260
MS24693-S51	8-17	110	MS27039-0810	7-5	450
MS24694-50	11-8	–	MS27039-1-09	7-6	110
MS24694-52	3-12	60	MS27039-808	11-16	60
MS24694-80	3-12	80	MS27404-4D	11-8	–
MS24694-S1	8-13	30	MS27641-4	3-11	230
MS24694-S13	7-4	280	MS27641-4	3-11	340
MS24694-S15	7-1	60	MS27718-21-1	8-16	30
MS24694-S52	7-6	140	MS27718-22-1	8-16	40
MS24694-S52	9-5	115	MS27718-21-1	8-17	30
MS24694-S58	6-13	192	MS27718-22-1	8-17	40
MS24694-S7	7-4	140	MS27769D3	3-26	170
MS25036-145	11-22	150	MS28775-015	3-5	–
MS25171-1S	6-13	–	MS28775-018	12-1	40
MS25171-1S	6-13	240	MS28775-026	3-9	60
MS25171-2S	6-13	–	MS28775-029	4-2	140
MS25171-2S	6-13	–	MS28775-111	12-6	40
MS25171-2S	6-13	–	MS28775-111	12-5	740
MS25171-3S	6-13	230	MS28775-113	12-1	80
MS25171-4S	6-13	–	MS28775-116	6-11	290
MS25244-5	11-6	410	MS28775-214	3-9	70
MS25331-8	11-5	310	MS28775-218	3-9	40
MS26574-2 1/2	11-5	230	MS28775-218	7-21	160
MS26574-20	11-5	240	MS28778-12	3-23	130
MS26574-5	6-3	–	MS28778-2	12-1	60
MS26574-7 1/2	11-5	220	MS28778-2	3-26	80
MS27039-0806	5-1	340	MS28778-3	12-1	20
MS27039-0806	7-1	440	MS28778-3	5-6	–
MS27039-0806	7-8	110	MS28778-4	5-6	–
MS27039-0806	8-6	100	MS28778-6	3-22	–
MS27039-0806	8-6A	40	MS28778-6	3-22	–
MS27039-0807	6-5	100	MS28778-6	3-23	360
MS27039-0807	7-1	410	MS28778-8	3-7	101
MS27039-0807	7-5	600	MS28778-8	3-7	11
MS27039-0807	7-11	450	MS28778-8	3-7	321
MS27039-0808	6-5	110	MS28884A-6	3-4	140
MS27039-0808	11-11	180	MS28889-2	7-21	90
MS27039-0808	7-5	310	MS29512-06	3-22	–

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS29512-06	3-22	–	MS35206-244	8-17	270
MS29512-06	3-22	–	MS35206-245	10-4	430
MS29513-010	3-26	60	MS35206-245	11-11	70
MS29513-113	3-26	40	MS35206-245	11-15	105
MS30526-230	3-24	130	MS35206-245	11-19	235
MS33737-16C	11-8	70	MS35206-245	11-19	80
MS33737-16C	11-7	110	MS35206-245	12-4	90
MS35190-253	11-8	305	MS35206-245	3-19	140
MS35190-253	11-9	230	MS35206-245	3-20	570
MS35190-253	11-7	650	MS35206-245	3-20A	570
MS35206-219	8-9	60	MS35206-245	3-20B	570
MS35206-219	8-10	60	MS35206-245	3-23	482
MS35206-225	8-16	–	MS35206-245	3-24	–
MS35206-225	8-17	–	MS35206-245	3-24	–
MS35206-227	7-1	–	MS35206-245	3-24	–
MS35206-228	6-11	100	MS35206-245	3-24	130
MS35206-228	6-4	300	MS35206-245	11-17	150
MS35206-228	11-20	40	MS35206-245	7-9	300
MS35206-228	7-9	50	MS35206-245	7-9	400
MS35206-229	11-20	50	MS35206-245	7-10	640
MS35206-230	3-26	110	MS35206-246	11-15	115
MS35206-230	6-11	–	MS35206-246	3-22	400
MS35206-230	7-1	–	MS35206-246	3-23	80
MS35206-244	11-7	860	MS35206-246	3-24	240
MS35206-244	11-8	395	MS35206-246	3-5	50
MS35206-244	11-9	305	MS35206-246	3-6	90
MS35206-244	3-17	140	MS35206-246	3-7	50
MS35206-244	3-19	–	MS35206-246	6-1	130
MS35206-244	3-20	430	MS35206-246	6-1	70
MS35206-244	3-20A	430	MS35206-246	6-2	–
MS35206-244	3-20B	430	MS35206-246	6-2	–
MS35206-244	3-6	230	MS35206-246	6-2	–
MS35206-244	3-7	250	MS35206-246	11-16	120
MS35206-244	3-7	280	MS35206-246	7-10	580
MS35206-244	3-9	90	MS35206-247	11-7	770
MS35206-244	6-11	61	MS35206-247	11-8	410
MS35206-244	6-2	–	MS35206-247	11-9	320
MS35206-244	6-2	–	MS35206-247	11-15	140
MS35206-244	7-10	340	MS35206-247	3-4	280
MS35206-244	8-16	240	MS35206-247	6-2	–

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS35206-249	11-15	135	MS35214-30	11-5	–
MS35206-249	11-14	110	MS35214-30	11-6	140
MS35206-249	12-9	210	MS35214-30	11-7	200
MS35206-250	11-8	430	MS35214-30	11-8	95
MS35206-250	11-9	340	MS35214-30	11-9	–
MS35206-250	11-7	900	MS35214-31	11-6	60
MS35206-251	11-15	100	MS35214-31	11-7	100
MS35206-251	11-14	–	MS35214-31	11-8	65
MS35207-10-16	12-10	280	MS35214-31	11-9	–
MS35207-262	6-2	–	MS35214-31	11-9	–
MS35207-262	6-2	–	MS35214-31	11-9	–
MS35207-262	12-13	250	MS35214-31	11-9	–
MS35207-263	6-2	–	MS35214-44	11-22	40
MS35207-263	6-2	–	MS35214-44	11-8	515
MS35207-264	3-5A	110	MS35333-37	6-6	270
MS35207-264	3-5A	190	MS35333-39	3-20	410
MS35207-277	7-4	480	MS35333-39	3-20A	410
MS35207-AR	12-13	250	MS35333-39	3-20B	410
MS35214-109	11-6	130	MS35333-40	7-10	210
MS35214-15	11-7	210	MS35333-40	9-3	300
MS35214-15	11-8	–	MS35333-40	9-4	260
MS35214-15	11-8	110	MS35333-47	3-15	90
MS35214-15	11-9	–	MS35333-47	3-24	450
MS35214-15	11-9	–	MS35333-47	7-5	–
MS35214-15	8-16	60	MS35338-40	8-9	80
MS35214-15	8-17	60	MS35338-40	8-10	80
MS35214-25	11-6	220	MS35338-41	11-19	55
MS35214-25	11-7	90	MS35338-41	3-16	100
MS35214-25	11-8	55	MS35338-41	3-20	360
MS35214-26	11-6	380	MS35338-41	3-20A	360
MS35214-26	11-7	140	MS35338-41	3-20B	360
MS35214-26	11-8	30	MS35338-41	11-5	–
MS35214-26	11-9	–	MS35338-41	11-6	90
MS35214-26	11-9	–	MS35338-41	11-20	70
MS35214-26	11-9	53	MS35338-41	7-1	–
MS35214-27	11-8	129	MS35338-42	10-4	450
MS35214-27	11-9	–	MS35338-42	11-8	415
MS35214-28	11-7	480	MS35338-42	11-9	325
MS35214-28	11-8	225	MS35338-42	11-15	85
MS35214-29	11-6	50	MS35338-42	11-19	90

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS35338-42	3-20	590	MS35338-44	5-6	230
MS35338-42	3-20A	590	MS35338-44	6-2	–
MS35338-42	3-20B	590	MS35338-44	6-2	–
MS35338-42	3-22	120	MS35338-44	6-2	–
MS35338-42	3-23	100	MS35338-98	11-22	70
MS35338-42	3-24	–	MS35338-99	11-22	50
MS35338-42	3-24	–	MS35338-99	11-8	510
MS35338-42	3-24	–	MS353630-42	3-7	70
MS35338-42	3-24	150	MS35489-1	11-22	130
MS35338-42	3-4	280	MS35489-1	6-4	–
MS35338-42	3-4	300	MS35489-10	3-24	–
MS35338-42	3-5	70	MS35489-10	7-10	75
MS35338-42	3-6	110	MS35489-11	3-15	140
MS35338-42	3-9	110	MS35489-11	11-17	60
MS35338-42	5-1	350	MS35489-11	11-19	220
MS35338-42	6-1	–	MS35489-14	11-19	180
MS35338-42	6-1	–	MS35489-14	3-24	–
MS35338-42	6-1	–	MS35489-14	7-10	76
MS35338-42	6-1	–	MS35489-4	6-11	–
MS35338-42	6-13	–	MS35489-5	6-4	290
MS35338-42	6-2	–	MS35489-6	6-10	70
MS35338-42	6-2	–	MS35489-6	6-7	220
MS35338-42	6-2	–	MS35489-6	6-7	70
MS35338-42	11-7	780	MS35489-6	11-16	90
MS35338-42	11-7	910	MS35489-6	11-17	80
MS35338-42	11-14	130	MS35649-202	6-2	–
MS35338-42	11-16	70	MS35649-2312	3-3	290
MS35338-42	11-17	170	MS35649-242	8-9	90
MS35338-42	7-1	660	MS35649-242	8-10	90
MS35338-42	7-2	120	MS35649-262	11-19	60
MS35338-43	3-1	80	MS35649-262	3-20	370
MS35338-43	3-20	585	MS35649-262	3-20A	370
MS35338-43	3-20A	585	MS35649-262	3-20B	370
MS35338-43	3-20B	585	MS35649-262	3-26	120
MS35338-43	3-25	60	MS35649-262	11-5	–
MS35338-43	6-2	–	MS35649-262	11-6	80
MS35338-43	6-2	–	MS35649-265B	11-22	80
MS35338-43	9-5	50	MS35649-282	10-4	460
MS35338-43	8-9	–	MS35649-282	11-8	420
MS35338-43	8-10	–	MS35649-282	11-9	330

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS35649-282	11-15	90	MS35769-6	5-6	140
MS35649-282	11-19	95	MS35769-6	6-11	20
MS35649-282	12-4	120	MS35769-9	12-1	100
MS35649-282	3-20	600	MS35769-9	5-6	120
MS35649-282	3-20A	600	MS35842-13	3-3	260
MS35649-282	3-20B	600	MS51500-B6-8	3-8	140
MS35649-282	3-22	130	MS51525-B6-8	3-22	210
MS35649-282	3-23	110	MS51525B6-8Z	3-23	120
MS35649-282	3-24	–	MS51529B6S	3-22	360
MS35649-282	3-24	–	MS51529B6S	3-23	350
MS35649-282	3-24	–	MS51861-24	3-17	30
MS35649-282	3-24	140	MS51861-24	3-17	60
MS35649-282	3-4	310	MS51861-24	7-5	860
MS35649-282	3-5	80	MS51861-25	7-1	–
MS35649-282	3-6	120	MS51861-25	7-5	640
MS35649-282	3-7	80	MS51861-35	3-27	–
MS35649-282	3-9	120	MS51861-35	3-28	–
MS35649-282	5-1	370	MS51861-35	6-1	110
MS35649-282	6-1	–	MS51861-35	6-1	50
MS35649-282	6-1	–	MS51861-35	7-10	260
MS35649-282	6-1	–	MS51861-35	7-9	210
MS35649-282	6-1	–	MS51861-36	3-20	291
MS35649-282	6-13	–	MS51861-45C	3-28	–
MS35649-282	6-2	–	MS51862-13	7-1	130
MS35649-282	6-2	–	MS51862-13	7-4	400
MS35649-282	6-2	–	MS51862-13	7-5	590
MS35649-282	8-3A	290	MS51862-14	7-4	600
MS35649-282	11-7	790	MS51862-14	9-3	40
MS35649-282	11-14	140	MS51862-14	9-3	60
MS35649-282	11-16	80	MS75028-22	11-17	30
MS35649-282	11-17	180	MS9021-152	5-4	50
MS35649-282	7-1	700	MS9352-03	3-22	460
MS35649-282	7-2	130	MTK8	5-3	520
MS35650-302	3-20	595	MW-3TM-29	3-14	30
MS35650-302	3-20B	595	N-09	4-3	10
MS35650-302	9-5	55	N5000-112-PP	12-9	80
MS35650-302	8-9	–	N5000-137-S-PP	5-3	30
MS35650-302	8-10	–	N5000-175-PP	12-1	170
MS35769-06	5-6	120	N5000-187-ZD	12-3	30
MS35769-11	5-6	125	N5000-206-PP	12-1	210

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
N5000-268-PP	12-7	100	NAS1097AD3-3	3-20	—
N5000-62-PP	11-18	110	NAS1097AD3-3	3-20	—
N5000-62-PP	12-4	190	NAS1097AD3-3	3-20A	—
N5000-62-PP	8-9	150	NAS1097AD3-3	3-20A	—
N5000-62-PP	8-10	150	NAS1097AD3-3	3-20A	—
N5000-87	8-9	290	NAS1097AD3-3	3-20B	—
N5000-87	8-10	290	NAS1097AD3-3	3-20B	—
N5000-87-PP	8-9	290	NAS1097AD3-3	3-20B	—
N5000-87-PP	8-10	290	NAS1097AD3-3	6-12	50
N5002-100	12-13	100	NAS1097AD3-4	3-20	—
N5002-100	12-12	80	NAS1097AD3-4	3-20	—
N5002-125-PP	8-1	40	NAS1097AD3-4	3-20	—
N5002-268-PP	12-8	80	NAS1097AD3-4	3-20	—
N5002-354-S-PP	5-4	310	NAS1097AD3-4	3-20	—
N5108-56-PP	8-9	370	NAS1097AD3-4	3-20	—
N5108-56-PP	8-10	370	NAS1097AD3-4	3-20	—
NAJ-02BC	3-20A	—	NAS1097AD3-4	3-20A	—
NAJ1-02	3-26	—	NAS1097AD3-4	3-20A	—
NAJ1-02BC	3-20A	—	NAS1097AD3-4	3-20A	—
NAJ1-02BC	3-20A	—	NAS1097AD3-4	3-20A	—
NAJ17-02BC	3-20A	—	NAS1097AD3-4	3-20A	—
NAJ17-02BC	3-20B	—	NAS1097AD3-4	3-20A	—
NAJ17-82BC	3-19	—	NAS1097AD3-4	3-20B	—
NAJ17-82BC	3-20	—	NAS1097AD3-4	3-20B	—
NAJ17-82BC	3-20A	—	NAS1097AD3-4	3-20B	—
NAJ1-82BC	3-18	—	NAS1097AD3-4	3-20B	—
NAJ1-82BC	3-18	—	NAS1097AD3-4	3-20B	—
NAJ1-82BC	3-19	30	NAS1097AD3-4	3-20B	—
NAJ1-82BC	3-20A	—	NAS1101-08-6	8-7	—
NAJ1-82BC	3-20B	—	NAS1101-08-6	8-10	380
NAJ5-048	5-3	—	NAS1101-08-8	8-9	130
NAS1023D08K	3-18	—	NAS1101-08-8	8-9	380
NAS1023D08K	3-18	—	NAS1101-08-8	8-10	130
NAS1023D08K	3-20A	—	NAS1101-3-10	8-3A	260
NAS1023D08K	3-20B	—	NAS1101-3-10	8-9	20
NAS1068A08	3-20	—	NAS1101-3-10	8-10	20
NAS1068A08	3-20A	—	NAS1101-3-10	7-15	140
NAS1068A08	3-20B	—	NAS1101-3-10	7-16	240
NAS1097AD3-3	3-18	—	NAS1101-3-8	8-9	—
NAS1097AD3-3	3-20	—	NAS1101-3-8	8-10	—

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS1149C0332R	12-3	80	NAS1149F0332P	12-8	270
NAS1149C0332R	7-1	–	NAS1149F0332P	3-1	60
NAS1149C0363R	3-29	110	NAS1149F0332P	3-10	150
NAS1149C0432R	12-6	80	NAS1149F0332P	3-10	180
NAS1149C0463R	12-6	60	NAS1149F0332P	3-12	40
NAS1149C0463R	12-6	70	NAS1149F0332P	3-13	50
NAS1149C0463R	5-3	160	NAS1149F0332P	3-14	20
NAS1149C0463R	12-5	750	NAS1149F0332P	3-15	20
NAS1149C0563R	3-29	140	NAS1149F0332P	3-20	575
NAS1149C0563R	7-1	140	NAS1149F0332P	3-20A	575
NAS1149C0632R	3-8	170	NAS1149F0332P	3-20B	575
NAS1149C1290R	4-2	260	NAS1149F0332P	3-20B	575
NAS1149C1290R	5-3	470	NAS1149F0332P	3-23	570
NAS1149C1290R	7-20	570	NAS1149F0332P	3-24	540
NAS1149D0316H	3-26	210	NAS1149F0332P	3-25	70
NAS1149D0316H	7-6	120	NAS1149F0332P	3-5A	120
NAS1149D0316H	7-16	50	NAS1149F0332P	3-5A	200
NAS1149D0316J	9-5	45	NAS1149F0332P	3-6	260
NAS1149D0316J	9-5	65	NAS1149F0332P	3-7	160
NAS1149D0316J	7-17	100	NAS1149F0332P	3-7	260
NAS1149D0363J	7-9	340	NAS1149F0332P	3-9	150
NAS1149D0463J	11-20	140	NAS1149F0332P	5-1	130
NAS1149D0463J	7-17	210	NAS1149F0332P	5-1	450
NAS1149D0563H	4-1	30	NAS1149F0332P	5-2	60
NAS1149D0563H	8-4	220	NAS1149F0332P	5-3	200
NAS1149D0663H	4-2	310	NAS1149F0332P	5-3	440
NAS1149DN832H	4-1	160	NAS1149F0332P	5-5	260
NAS1149DN832H	4-2	230	NAS1149F0332P	6-13	–
NAS1149DN832H	4-2	40	NAS1149F0332P	6-13	–
NAS1149DN832H	6-11	220	NAS1149F0332P	6-13	187
NAS1149F0316P	6-2	–	NAS1149F0332P	6-13	194
NAS1149F0316P	8-11	60	NAS1149F0332P	6-13	40
NAS1149F0316P	12-13	240	NAS1149F0332P	6-13	60
NAS1149F0316P	8-14	90	NAS1149F0332P	6-2	–
NAS1149F0332P	11-7	620	NAS1149F0332P	6-2	–
NAS1149F0332P	11-9	215	NAS1149F0332P	6-2	–
NAS1149F0332P	12-1	230	NAS1149F0332P	6-2	–
NAS1149F0332P	12-13	–	NAS1149F0332P	6-3	30
NAS1149F0332P	12-5	140	NAS1149F0332P	7-3	60
NAS1149F0332P	12-7	200	NAS1149F0332P	7-5	430

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS1149F0332P	7-5	880	NAS1149F0363P	6-13	193
NAS1149F0332P	7-9	100	NAS1149F0363P	8-2	20
NAS1149F0332P	7-10	600	NAS1149F0363P	8-9	30
NAS1149F0332P	7-15	60	NAS1149F0363P	8-10	30
NAS1149F0332P	7-16	160	NAS1149F0363P	8-15	110
NAS1149F0332P	7-17	150	NAS1149F0363P	9-5	120
NAS1149F0332P	8-11	55	NAS1149F0363P	11-7	640
NAS1149F0332P	8-12	90	NAS1149F0363P	7-3	100
NAS1149F0332P	8-12	170	NAS1149F0363P	7-4	160
NAS1149F0332P	8-13	60	NAS1149F0363P	7-5	580
NAS1149F0332P	8-14	120	NAS1149F0363P	7-9	130
NAS1149F0332P	8-18	20	NAS1149F0363P	7-10	660
NAS1149F0332P	8-19	30	NAS1149F0363P	7-15	110
NAS1149F0332P	8-3A	270	NAS1149F0363P	7-20	150
NAS1149F0332P	8-5	250	NAS1149F0363P	12-5	700
NAS1149F0332P	8-5A	150	NAS1149F0363P	12-10	290
NAS1149F0332P	8-6	50	NAS1149F0363P	12-11	320
NAS1149F0332P	8-6A	140	NAS1149F0363P	12-12	220
NAS1149F0332P	8-7	60	NAS1149F0432P	12-13	260
NAS1149F0332P	400	9-3	NAS1149F0432P	12-5	360
NAS1149F0332P	9-5	15	NAS1149F0432P	3-11	360
NAS1149F0363P	11-8	320	NAS1149F0432P	3-20	390
NAS1149F0363P	11-9	245	NAS1149F0432P	3-20	460
NAS1149F0363P	12-4	270	NAS1149F0432P	3-20	540
NAS1149F0363P	12-4	-290	NAS1149F0432P	3-20A	390
NAS1149F0363P	3-11	140	NAS1149F0432P	3-20A	460
NAS1149F0363P	3-11	400	NAS1149F0432P	3-20A	540
NAS1149F0363P	3-11	90	NAS1149F0432P	3-20B	390
NAS1149F0363P	3-12	30	NAS1149F0432P	3-20B	460
NAS1149F0363P	3-20	510	NAS1149F0432P	3-20B	540
NAS1149F0363P	3-20A	510	NAS1149F0432P	3-22	170
NAS1149F0363P	3-20B	510	NAS1149F0432P	3-22	170
NAS1149F0363P	3-28	-	NAS1149F0432P	3-29	120
NAS1149F0363P	3-28	340	NAS1149F0432P	5-1	20
NAS1149F0363P	3-6	160	NAS1149F0432P	5-5	110
NAS1149F0363P	3-7	130	NAS1149F0432P	5-7	75
NAS1149F0363P	5-1	450	NAS1149F0432P	6-13	-
NAS1149F0363P	5-3	210	NAS1149F0432P	6-2	-
NAS1149F0363P	5-5	260	NAS1149F0432P	6-2	-
NAS1149F0363P	6-13	-	NAS1149F0432P	6-2	-

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS1149F0432P	6-2	–	NAS1149F0532P	3-11	–
NAS1149F0432P	7-13	40	NAS1149F0532P	3-29	130
NAS1149F0432P	7-15	180	NAS1149F0532P	4-2	360
NAS1149F0432P	7-16	210	NAS1149F0532P	5-1	410
NAS1149F0432P	7-17	240	NAS1149F0532P	6-13	–
NAS1149F0432P	7-19	90	NAS1149F0532P	8-15	70
NAS1149F0432P	7-20	110	NAS1149F0532P	8-20	200
NAS1149F0432P	7-22	80	NAS1149F0532P	8-4	210
NAS1149F0432P	8-11	140	NAS1149F0532P	8-5	450
NAS1149F0432P	8-12	120	NAS1149F0532P	8-5A	100
NAS1149F0432P	8-18	170	NAS1149F0532P	7-20	80
NAS1149F0432P	8-2	50	NAS1149F0532P	7-20	–
NAS1149F0432P	8-4	240	NAS1149F0532P	7-21	20
NAS1149F0432P	8-8	40	NAS1149F0532P	12-5	220
NAS1149F0463P	12-6	200	NAS1149F0563P	12-7	–55
NAS1149F0463P	3-11	350	NAS1149F0563P	12-8	–230
NAS1149F0463P	3-22	280	NAS1149F0563P	4-1	60
NAS1149F0463P	3-23	300	NAS1149F0563P	4-2	360
NAS1149F0463P	4-4	160	NAS1149F0563P	5-1	420
NAS1149F0463P	4-4	310	NAS1149F0563P	5-2	90
NAS1149F0463P	5-1	280	NAS1149F0563P	5-4	220
NAS1149F0463P	5-3	390	NAS1149F0563P	8-14	–
NAS1149F0463P	5-4	400	NAS1149F0563P	8-20	190
NAS1149F0463P	5-5	330	NAS1149F0563P	8-3	30
NAS1149F0463P	5-6	240	NAS1149F0563P	8-4	170
NAS1149F0463P	8-20	60	NAS1149F0563P	8-5	440
NAS1149F0463P	8-3	80	NAS1149F0563P	8-6A	170
NAS1149F0463P	8-4	290	NAS1149F0563P	7-13	70
NAS1149F0463P	8-5	380	NAS1149F0563P	7-19	60
NAS1149F0463P	8-8	150	NAS1149F0563P	7-20	310
NAS1149F0463P	7-5	900	NAS1149F0563P	12-5	210
NAS1149F0463P	7-13	20	NAS1149F0632P	3-10	110
NAS1149F0463P	7-17	170	NAS1149F0632P	5-4	370
NAS1149F0463P	7-20	85	NAS1149F0632P	8-1	110
NAS1149F0463P	7-20	250	NAS1149F0632P	7-20	450
NAS1149F0463P	12-5	760	NAS1149F0663P	5-6	270
NAS1149F0463P	12-9	130	NAS1149F0663P	7-19	30
NAS1149F0463P	12-10	220	NAS1149F0663P	7-20	450
NAS1149F0532P	12-7	50	NAS1149F0732P	11-11	120
NAS1149F0532P	12-8	220	NAS1149F0732P	3-10	120

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS1149F0732P	3-14	110	NAS1149FN616P	11-9	–
NAS1149F0732P	3-15	130	NAS1149FN616P	11-19	50
NAS1149F0732P	3-24	200	NAS1149FN616P	3-16	90
NAS1149F0732P	3-30	80	NAS1149FN616P	3-17	100
NAS1149F0732P	8-1	100	NAS1149FN616P	3-17	120
NAS1149F0763P	3-30	70	NAS1149FN616P	3-17	40
NAS1149F0763P	11-15	20	NAS1149FN616P	3-17	70
NAS1149F0763P	12-13	340	NAS1149FN616P	6-11	–
NAS1149F0763P	12-5	560	NAS1149FN616P	6-11	–
NAS1149F0763P	12-9	20	NAS1149FN616P	6-4	–
NAS1149F0763P	12-11	20	NAS1149FN616P	6-4	–
NAS1149F0763P	12-12	310	NAS1149FN616P	6-4	–
NAS1149F0863P	3-24	200	NAS1149FN616P	6-4	–
NAS1149F0863P	5-4	160	NAS1149FN616P	6-4	–
NAS1149F0963P	3-2	220	NAS1149FN616P	6-4	–
NAS1149F1232P	3-10	110	NAS1149FN616P	6-6	220
NAS1149F1232P	3-15	120	NAS1149FN616P	7-1	–
NAS1149F1232P	3-24	440	NAS1149FN616P	7-8	140
NAS1149FN316P	10-4	–	NAS1149FN616P	7-9	60
NAS1149FN316P	3-20	–	NAS1149FN616P	7-10	450
NAS1149FN316P	3-20	–	NAS1149FN616P	9-1	–
NAS1149FN316P	3-20	–	NAS1149FN616P	9-4	90
NAS1149FN316P	3-20A	–	NAS1149FN616P	9-4	200
NAS1149FN316P	3-20A	–	NAS1149FN632P	3-20	350
NAS1149FN316P	3-20A	–	NAS1149FN632P	3-20A	350
NAS1149FN316P	3-20B	–	NAS1149FN632P	3-20B	350
NAS1149FN316P	3-26	140	NAS1149FN632P	6-11	110
NAS1149FN316P	6-7	150	NAS1149FN632P	6-6	180
NAS1149FN416P	11-7	220	NAS1149FN632P	7-21	270
NAS1149FN416P	11-8	115	NAS1149FN816F	3-9	100
NAS1149FN416P	11-9	–	NAS1149FN816P	10-4	440
NAS1149FN416P	8-9	70	NAS1149FN816P	11-11	80
NAS1149FN416P	8-10	70	NAS1149FN816P	11-14	120
NAS1149FN416P	7-2	160	NAS1149FN816P	11-15	80
NAS1149FN616P	11-5	–	NAS1149FN816P	11-16	130
NAS1149FN616P	11-6	100	NAS1149FN816P	11-17	160
NAS1149FN616P	11-7	150	NAS1149FN816P	11-19	240
NAS1149FN616P	11-8	35	NAS1149FN816P	11-19	85
NAS1149FN616P	11-9	–	NAS1149FN816P	3-10	90
NAS1149FN616P	11-9	–	NAS1149FN816P	3-17	100

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS1149FN816P	3-17	150	NAS1149FN816P	7-1	650
NAS1149FN816P	3-17	190	NAS1149FN816P	7-1	–
NAS1149FN816P	3-2	180	NAS1149FN816P	7-2	110
NAS1149FN816P	3-20	440	NAS1149FN816P	7-4	190
NAS1149FN816P	3-20	580	NAS1149FN816P	7-5	190
NAS1149FN816P	3-20A	440	NAS1149FN816P	7-5	340
NAS1149FN816P	3-20A	580	NAS1149FN816P	7-8	40
NAS1149FN816P	3-20B	440	NAS1149FN816P	7-9	310
NAS1149FN816P	3-20B	580	NAS1149FN816P	7-10	350
NAS1149FN816P	3-22	110	NAS1149FN816P	7-11	460
NAS1149FN816P	3-23	90	NAS1149FN816P	7-15	330
NAS1149FN816P	3-23	483	NAS1149FN816P	7-16	80
NAS1149FN816P	3-24	–	NAS1149FN816P	7-17	130
NAS1149FN816P	3-24	–	NAS1149FN816P	8-6	110
NAS1149FN816P	3-24	–	NAS1149FN816P	8-6A	50
NAS1149FN816P	3-24	160	NAS1149FN816P	8-9	120
NAS1149FN816P	3-4	290	NAS1149FN816P	8-10	120
NAS1149FN816P	3-5	60	NAS1149FN816P	9-3	280
NAS1149FN816P	3-6	100	NAS1149FN816P	9-4	250
NAS1149FN816P	3-7	60	NAS1149FN832P	11-8	310
NAS1149FN816P	4-1	310	NAS1149FN832P	11-9	235
NAS1149FN816P	5-1	360	NAS1149FN832P	12-4	100
NAS1149FN816P	6-1	–	NAS1149FN832P	12-4	320
NAS1149FN816P	6-1	–	NAS1149FN832P	3-24	145
NAS1149FN816P	6-1	–	NAS1149FN832P	3-7	260
NAS1149FN816P	6-2	–	NAS1149FN832P	3-7	290
NAS1149FN816P	6-2	–	NAS1149FN832P	6-1	–
NAS1149FN816P	6-2	–	NAS1149FN832P	6-11	70
NAS1149FN816P	6-2	–	NAS1149FN832P	6-13	–
NAS1149FN816P	6-2	–	NAS1149FN832P	6-7	120
NAS1149FN816P	6-4	–	NAS1149FN832P	6-7	200
NAS1149FN816P	6-5	–	NAS1149FN832P	11-7	660
NAS1149FN816P	6-5	–	NAS1149FN832P	11-11	190
NAS1149FN816P	6-5	225	NAS1149FN832P	7-1	160
NAS1149FN816P	6-5	31	NAS1149FN832P	7-8	120
NAS1149FN816P	6-6	330	NAS1149FN832P	12-9	220
NAS1149FN816P	6-7	100	NAS1351-3H10P	12-1	150
NAS1149FN816P	7-1	70	NAS13523H8P	3-3	350
NAS1149FN816P	7-1	–	NAS1352-3H8P	3-3	210
NAS1149FN816P	7-1	–	NAS-1368-N8A	7-14	260

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS-1368-N8A	7-15	230	NAS6603-1	8-5	240
NAS-1368-N8A	7-16	300	NAS6603-10	3-11	130
NAS-1368-N8A	7-17	220	NAS6603-10	8-13	100
NAS146DH-22	7-13	120	NAS6603-12	12-4	280
NAS146DH-24	7-13	100	NAS6603-12	3-23	550
NAS1523-4E	5-6	300	NAS6603-14	11-8	290
NAS1523-4E	5-7	70	NAS6603-14	11-7	610
NAS1611-010	3-26	80	NAS6603-14	5-5	250
NAS1611-025	4-4	110	NAS6603-14	8-12	80
NAS1611-025	4-4	40	NAS6603-14	8-14	80
NAS1611-029	4-2	140	NAS6603-16	3-26	200
NAS1611-137	4-4	150	NAS6603-16	8-13	90
NAS1611-326	4-4	90	NAS6603-17	12-5	160
NAS1611-333A	11-18	80	NAS6603-18	8-5A	140
NAS1611-333A	12-4	50	NAS6603-22	8-18	10
NAS1612-10	4-4	240	NAS6603-30	5-1	120
NAS1612-2	4-4	250	NAS6603-32	8-19	140
NAS428-3A10	3-28	220	NAS66032	8-18	80
NAS428K4-16	3-11	180	NAS66032	8-19	70
NAS428K4-16	3-11	20	NAS66032	8-6	40
NAS428K4A16	3-11	180	NAS66032	7-9	380
NAS428K4A16	3-11	20	NAS6603-2	12-5	170
NAS43HT3-48	5-5	270	NAS6603-22	7-15	280
NAS43HT4-64	3-20	550	NAS6603-22	7-16	30
NAS43HT4-64	3-20A	550	NAS6603-22	7-17	260
NAS43HT4-64	3-20B	550	NAS6603-22	8-13	130
NAS43HT4-64	3-7	380	NAS6603-24	8-5	310
NAS509-8	4-4	190	NAS6603-24	8-7	50
NAS509-8	5-3	500	NAS6603-24	7-15	100
NAS559-3	4-4	180	NAS6603-24	7-16	40
NAS559-3	5-3	510	NAS6603-24	7-17	310
NAS561C8-10	5-5	60	NAS6603-26	7-15	50
NAS6205-8D	12-5	290	NAS6603-26	7-17	140
NAS620-6L	6-11	—	NAS6603-32	8-13	50
NAS626-58	4-3	90	NAS6603-32	8-18	40
NAS636A08	6-8	—	NAS6603-34	8-14	110
NAS636A08	6-8	—	NAS6603-34	8-19	20
NAS6603-1	5-5	310	NAS6603-4	3-20	500
NAS6603-1	8-18	100	NAS6603-4	3-20A	500
NAS6603-1	8-19	100	NAS6603-4	3-20B	500

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS6603-4	3-7	150	NAS6604-29	7-15	260
NAS6603-4	3-7	330	NAS6604-29	7-17	280
NAS6603-4	7-5	870	NAS6604-3	12-13	280
NAS6603-4	7-9	90	NAS6604-3	12-12	250
NAS6603-4	7-15	240	NAS6604-31	5-1	220
NAS6603-4	7-16	150	NAS6604-40	7-20	550
NAS6603-4	8-12	160	NAS6604-42	7-20	100
NAS6603-40	7-20	140	NAS6604-44	7-22	70
NAS6603D14	3-11	460	NAS6604-50	7-20	240
NAS6603D16	3-11	420	NAS6604-56	7-20	270
NAS6603D2	8-6A	130	NAS6604-7	7-5	950
NAS6603D30	3-11	380	NAS6604-7	7-13	10
NAS6603D4	12-3	70	NAS6604-9	8-8	70
NAS6603D5	12-5	670	NAS6604D11	8-4	230
NAS6603D6	12-7	190	NAS6604D15	12-6	10
NAS6603D7	12-5	710	NAS6604D15	12-5	730
NAS6603D8	12-5	280	NAS6604D15	12-10	250
NAS6603D9	12-5	850	NAS6604D17	12-6	190
NAS6603H1	12-1	240	NAS6604D17	5-1	260
NAS6603H1	12-5	600	NAS6604D17	8-3	70
NAS6603H4	5-3	450	NAS6604D17	12-5	770
NAS6603H6	5-3	450	NAS6604D19	12-5	440
NAS6604-1	7-13	30	NAS6604D21	3-11	330
NAS6604-1	12-10	180	NAS6604D23	8-20	20
NAS6604-11	7-17	340	NAS6604D23	8-5	370
NAS6604-11	8-8	140	NAS6604D25	8-20	220
NAS6604-13	8-8	30	NAS6604D31	8-3A	310
NAS6604-15	5-5	350	NAS6604D56	3-11	270
NAS6604-17	7-13	50	NAS6604D7	12-2	90
NAS6604-17	7-19	80	NAS6604D7	12-5	390
NAS6604-17	7-20	290	NAS6604H1	12-13	270
NAS6604-17	8-12	110	NAS6604H1	12-9	120
NAS6604-17	8-18	160	NAS6604H1	12-11	170
NAS6604-23	8-8	110	NAS6604H1	12-12	240
NAS6604-25	7-15	270	NAS6604H3	12-10	300
NAS6604-25	7-16	200	NAS6604H3	12-11	210
NAS6604-25	7-17	230	NAS6605-23	7-20	400
NAS6604-25	12-5	350	NAS6605-29	7-20	420
NAS6604-27	7-15	170	NAS6605-5	7-20	60
NAS6604-27	7-16	110	NAS6605-52	7-20	330

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS6605-56	7-20	300	NK501-10-6	11-18	135
NAS6605D11	8-20	180	NK501-10-6	12-4	260
NAS6605D11	8-4	200	NK509-8R6	12-11	130
NAS6605D11	8-5	520	NK-510-10R10	4-1	250
NAS6605D11	8-6A	160	NK525-1032R12	7-5	650
NAS6605D13	8-3	20	NK525-10R10	3-24	40
NAS6605D13	8-5	510	NK525-10R12	3-24	40
NAS6605D15	8-5A	90	NK525-10R12	7-5	980
NAS6605D21	8-4	140	NK525-832R10	7-5	800
NAS6605D29	5-1	400	NK-525-8R8	7-11	350
NAS6605D9	8-5	430	NO NUMBER	11-15	65
NAS6605D9	12-5	320	NO NUMBER	11-1	20
NAS6605H7	7-13	90	NO NUMBER	11-3	240
NAS6605H9	7-13	60	NP138BS1032-N-8Z	12-12	100
NAS6606D25	8-5A	60	NP500-456-7	3-20	380
NAS6607-5	12-13	350	NP500-456-7	3-20A	380
NAS6607-5	12-9	10	NP500-456-7	3-20B	380
NAS6607-5	12-11	10	NP500-456-7	3-22	160
NAS6607-5	12-12	320	NP500-465-7	3-23	160
NAS6607H5	12-5	570	NP500-8R6	4-2	220
NAS686A08K	3-20	–	NP500-8R8	4-2	30
NAS686A08K	3-20	–	NP500-8-X	12-4	310
NAS686A08K	3-20A	–	NP501-10-6	12-4	260
NAS686A08K	3-20B	–	NP525-10R10	3-24	40
NAS686A3K	3-20	–	NP525-10R10	7-4	460
NAS686A3K	3-20A	–	NP525-10R12	3-24	40
NAS73-3-108	7-17	320	NP525-10R12	7-4	650
NAS73-3E002	3-28	360	NPN	6-4	80
NK 500-8-5	8-9	380	NS35649-262	6-11	–
NK 500-8-5	8-10	380	NSN 5305-00-984-6208	3-1	60
NK4-7A	7-17	200	NV2-21S	11-22	120
NK500-416-7	3-20	380	NV2C-28V	11-22	140
NK500-416-7	3-20A	380	NV2C-28V-SH	11-22	–140A
NK500-416-7	3-20B	380	P1-90254	8-16	20
NK500-416-7	3-22	160	P1-90254	8-17	20
NK500-8-10	7-1	150	P261P-S1AS3CB1K	11-9	–
NK500-8-5	7-1	860	PACMO-APZ2IN	11-8	480
NK500-8-A/R	11-18	140	PAI-700	11-5	260
NK-500-8R6	4-1	150	PAI-700 28V	11-8	475
NK500-8-X	12-4	310	PGZF0A0180	4-4	90

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
PLT2S-CO	3-23	–	RST-200	4-2	120
PLT4S-CO	11-7	–	S10P-175	3-24	60
PR1425B1/2	7-5	40	S10P-175	3-24	60
PR1425B2	7-5	40	S10P-175	7-4	370
PS094032PG	3-26	150	S10P-320	3-24	60
PVC-13	11-8	500	S-12B	9-2	36
PWMS-H25-C	6-14	60	S4-200	3-2	113
Q30203DT	12-9	160	S4-200	7-1	550
QS100-M12S	3-3	130	S500-10	11-19	160
QS100-M28	3-28	200	S500-12	11-19	195
QS100-M28S	10-2	19	S500-16	11-19	100
QS100-M52S	3-5	110	S500-3	11-19	210
QS200-M10S	3-5	30	S500-4	11-19	75
QS200-M24S	3-5A	40	S500-6	11-19	200
QS200-M24S	3-5A	60	S-50MP	5-6	50
QS200-M28S	10-4	380	S6P-270	7-4	50
QS200-M40S	10-3	18	S83BZ-2	12-1	90
QS200-M40S	10-4	370	S8P-150	11-20	110
QS200-M40S	10-4	40	S8P-150	7-10	220
QS200-M40S	3-22	200	S8P150	9-3	310
QS-200-M40S	10-2	24	S8P150	9-4	270
QS200M44S	10-2	4	S8P270	9-3	310
QS200-M44S	10-3	9	S8P270	9-4	270
QS200-M44S	10-4	110	SAW4204-15-123	6-1	20
QS200-M44S	10-4	330	SAZ-4201E	6-2	30
QS200-M44S	10-4	40	SAZ-4401	6-2	30
QS200-M44S	3-1	110	SAZ-4401-1	6-13	170
QS200-M44S	3-2	60	SAZ-4401-1	6-2	30
R10-E6-X2-V700	6-11	270	SC616NJ	6-11	130
R10-E6-Y2-V185	6-11	270	SC628ANPR	6-11	130
R1224S-28	6-2	10B	SCEET7	3-5A	50
R35M	6-10	10	SCEET7	3-5A	80
RA4400-6-C	5-5	290	SE12PFR	11-22	100
RG24-11M	6-10	10	SH-131	8-17	240
RG24-11M	6-13	80	SJ-3501	11-20	130
RG-35	6-10	10	SL1N-4	12-9	140
RHB32S	3-31	–	SL61N-5F	12-13	170
RJ-0370	3-8	150	SL61N-5P	12-13	170
RJ-1045-2	3-8	110	SL61N-5P	12-10	30
RJ9700	3-3	220	SL61N-5P	12-11	260

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
SL61N-5P	12-12	160	TIGM54-1C-WH-A	11-3	-20A
SL61W-4	12-9	150	TILA64-1C-RD-A	11-2	-10A
SL61W-5P	12-13	180	TILA64-1C-WH-A	11-2	20
SL61W-5P	12-10	20	TILA64-1C-WH-A	11-3	20
SL61W-5P	12-11	250	TS-023	12-7	70
SL61W-5P	12-12	170	TS-023	12-8	100
SLN-3045	5-4	350	TS-023	12-8	130
SLW-3045	5-4	-	TS-023	12-5	-
SST1.5I-M	12-2	130	TS-023	12-5	580
SST1.5I-MP	11-7	850	U16082-H61	11-4	40
SST1.5I-MP	11-8	390	UI-5934-1	11-5	60
SST1.5I-MP	11-9	300	UI5934-3	11-6	120
SST1.5I-MP	11-17	200	UI6082-H61	11-1	150
SST1M-MP	6-12	100	V3-1	8-9	50
SST1M-MP	11-17	190	V3-1	8-10	50
SST25-MP	8-20	240	VC-3	5-2	-
SST25-MP	8-5	580	VC-3	12-5	-
SST2S-MP	11-7	840	VH-375	5-6	246
SST2S-MP	11-8	385	VH-75	4-2.1	170
SST2S-MP	11-9	295	VSF-7203	6-1	90
SST2S-MP	11-16	150	VSF-7403T	6-2	10
SST2S-MP	11-17	210	W-09	4-1	190
STD-1410	3-27	-	W-09	4-3	20
STD-1410	3-28	170	W-1284-G	6-6	120A
STD-2233	3-28	160	W-1284-R	6-6	120
STD-2233	3-28	170	W-1290-14	6-6	390
STD-35	3-27	-	W-1290-28	6-6	390
STD-35	3-28	150	W1819-020	12-5	-
STD-475	3-27	-	W1819-020	12-8	110
STD-475	3-28	160	W1819-020	8-17	220
SUPER 77	9-4	-	W33-7516-10ET-1	11-5	320
SY-0211	9-2	33	W97CSX-2	6-7	190
T14BH517BC	11-5	-	WC-22-6	4-3	100
TIGK54-15-RD-A	11-6	510	WP-22-6	4-3	110
TIGK54-15-WH-A	11-6	500	X1333HT	7-4	230
TIGK54-1S-RD-A	11-5	160A	X-142	4-2	-
TIGK54-1S-WH-A	11-5	160B	X1543HT	7-6	-280
TIGM54-1C-RD-A	11-2	10	X-1567	7-20	-
TIGM54-1C-RD-A	11-3	10	X-16799	6-1	140
TIGM54-1C-WH-A	11-2	-20A	X-16799	6-2	50

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
Y9485	11-8	180	Z99R6	8-10	280
Y9485	3-2	–	Z9R4X3	8-9	170
Y9485	11-7	60	Z9R4X3	8-10	170
Y9485	7-4	510	ZX-10204	7-4	230
Z99R6	8-9	280			

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-3. TURBOCHARGER INDUCTION SYSTEM

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
280●▲	037360-160	. Induction Tube Assembly (Replaced by 28-12576-1)	1			X	X	X	X	X
280±	037360-104	. Induction Tube Assembly	1			X	X	X	X	X
280●●	28-12576-1	. Induction Tube Assembly	1			X	X	X	X	X
—	28-12359-11	. . Plate (Use with 037360-104)	1			X	X	X	X	X
—	28-12359-13	. . Gasket (Use with 037360-104)	1			X	X	X	X	X
—	AN3-6A	. . Bolt (Use with 037360-104)	4			X	X	X	X	X
—	MS21045L3	. . Nut (Use with 037360-104)	4			X	X	X	X	X
—	AN960-10L	. . Washer (Use with 037360-104)	8			X	X	X	X	X
290	MS35649-2312	. Nut	4			X	X	X	X	X
300	AN936A516	. Lock Washer	4			X	X	X	X	X
310**	LW-13807	. Valve Assembly	1			X	X	X	X	X
320	1	. Clamp	1			X	X	X	X	X
320	AN737TW22	. Clamp (Alternate)	1			X	X	X	X	X
330	28-121000-19	. Drain Tube	1			X	X	X	X	X
—†	28-12577-1	. Muffler: Exhaust	1					X		X
—	28-01039-1	. Muffler Assembly (Optional)	1					X	X	X
—**	LW-13646	. . Clamp	1					X	X	X
—	ENX-0001	. . Muffler Assembly	1					X	X	X
—	MS20995C41	. . Safety Wire	A/R					X	X	X
350	NAS13523H8P	. Existing Hardware	1			X	X	X	X	X
—	AE80664H	. Valve, Sump, 1/2" Engine	1			X	X	X	X	X

** Obtain from Lycoming Distributor.

* Effectivity F-28F S/N 788 and subsequent. Model 280FX S/N 2073 and subsequent.

†† Effectivity F-28F S/N 788 – 817. Model 280FX S/N 2073 – 2109.

† Effectivity F-28F S/N 816 and subsequent. Model 280FX S/N 2104 and subsequent.

●● Effectivity F-28F S/N 818 and subsequent. Model 280FX S/N 2110 and subsequent.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

- ‡ Effectivity F-28F S/N 818 and subsequent. Effectivity 280FX S/N 2111 and subsequent. Retrofittable to F-28F S/N 509 and 280FX S/N 2001.
- ± Used on helicopters built in 1982.
- Change effective on helicopters built 2-9-87 and later.
- ‡‡ Effectivity F-28F S/N 830 and subsequent. Effectivity 280FX S/N 2135 and subsequent. Retrofittable to F-28F S/N 509 and 280FX S/N 2001.
- ▲ Effectivity F-28F S/N 833 and subsequent and retrofittable F-28F S/N 509 and subsequent. Effectivity 280FX S/N 2174 and subsequent and retrofittable 280FX S/N 2001 and subsequent.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

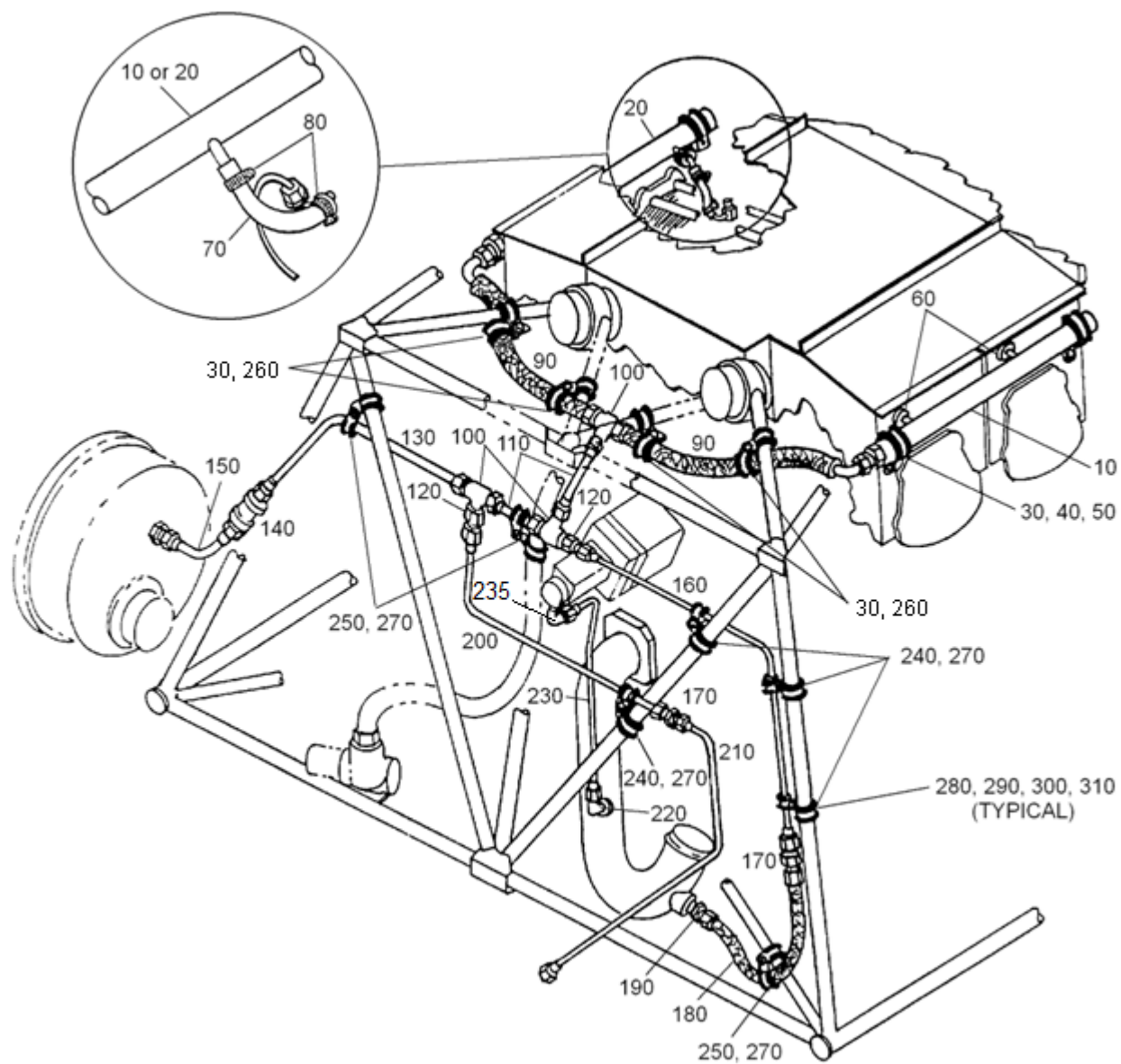


FIGURE 3-4. FUEL NOZZLE AIR VENT SYSTEM

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-4. FUEL NOZZLE AIR VENT SYSTEM

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
10	28-123015-1	. Manifold Assembly, L/H	1			X	X	X	X	X
20	28-123014-1	. Manifold Assembly, R/H	1			X	X	X	X	X
30	28-12164-9	. Clamp	4			X	X	X	X	X
30	MS21919WCJ10	. Clamp (Replaced by 28-12164-9)	8			X	X	X	X	X
40	AN503-416-10	. Screw	4			X	X	X	X	X
50	AN960-416L	. Washer	4			X	X	X	X	X
60	AN931-3-9	. Grommet	4			X	X	X	X	X
70	28-123005-5	. Hose	4			X	X	X	X	X
80	1	. Clamp	8			X	X	X	X	X
80	AN737TW22	. Clamp (Obsolete)	8			X	X	X	X	X
90	601002-6-0180	. Hose Assembly	2			X	X	X	X	X
90	62447-6-180	. Hose Assembly (Obsolete)	2			X	X	X	X	X
100	AN824-6D	. Tee	3			X	X	X	X	X
110	28-123013-1	. Vent Nozzle Fuel Assembly	2			X	X	X	X	X
120	2406-06-04	. Reducer	2			X	X	X	X	X
120	883-FS-06X04	. Reducer (Superseded by 2406-06-04)	2			X	X	X	X	X
130	28-123012-1	. Vent Nozzle Fuel Assembly	1			X	X	X	X	X
140±	MS28884A-6	. Check Valve	1			X	X	X	X	X
150	28-123024-1	. Tube Assembly	1			X	X	X	X	X
160	28-123011-1	. Vent Nozzle Fuel Assembly	1			X	X	X	X	X
170	AN815-4D	. Union	2			X	X	X	X	X
180	28-124003-1	. Hose Assembly	1			X	X	X	X	X
190	MS20823-4	. Elbow	1			X	X	X	X	X
190	AN816-4	. Union (Superseded by MS20823-4)	1			X	X	X	X	X
200*	28-123016-1	. Vent Nozzle Fuel Assembly	1			X	X	X	X	X
210*	28-121007-1	. Static Fuel Pressure Line	1			X	X	X	X	X
220	MS20822-4D	. Elbow	1			X	X	X	X	X
230**	28-121008-1	. Line Vent Static Assembly	1			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-4. FUEL NOZZLE AIR VENT SYSTEM

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
230†	28-121008-3	. Static Fuel Pressure Line	1			X	X	X	X	X
235▼	02A21376	. Fitting, Fuel Pump Vent	1			X	X	X	X	X
240	MS21919WCJ4	. Clamp	5			X	X	X	X	X
250	MS21919WCJ6	. Clamp	3			X	X	X	X	X
260	MS21919WCJ8	. Clamp	4			X	X	X	X	X
270	MS21919WCJ12	. Clamp	12			X	X	X	X	X
280	MS35206-247	. Screw	12			X	X	X	X	X
280	MS35338-42	. Screw (Replaced by MS35206-247)	11			X	X	X	X	X
280	AN515-8R12	. Screw (Superseded by MS35338-42)	11			X	X	X	X	X
290	NAS1149FN816P	. Washer	24			X	X	X	X	X
290	AN960-8L	. Washer (Superseded by NAS1149FN816P)	24			X	X	X	X	X
300	MS35338-42	. Lock Washer	12			X	X	X	X	X
300	AN935-8	. Lock Washer (Superseded by MS35338-42)	12			X	X	X	X	X
310	MS35649-282	. Nut	12			X	X	X	X	X
310	AN340-832	. Nut (Superseded by MS35649-282)	12			X	X	X	X	X

± 588-601 swing check valve from Teledyn is an acceptable alternate.

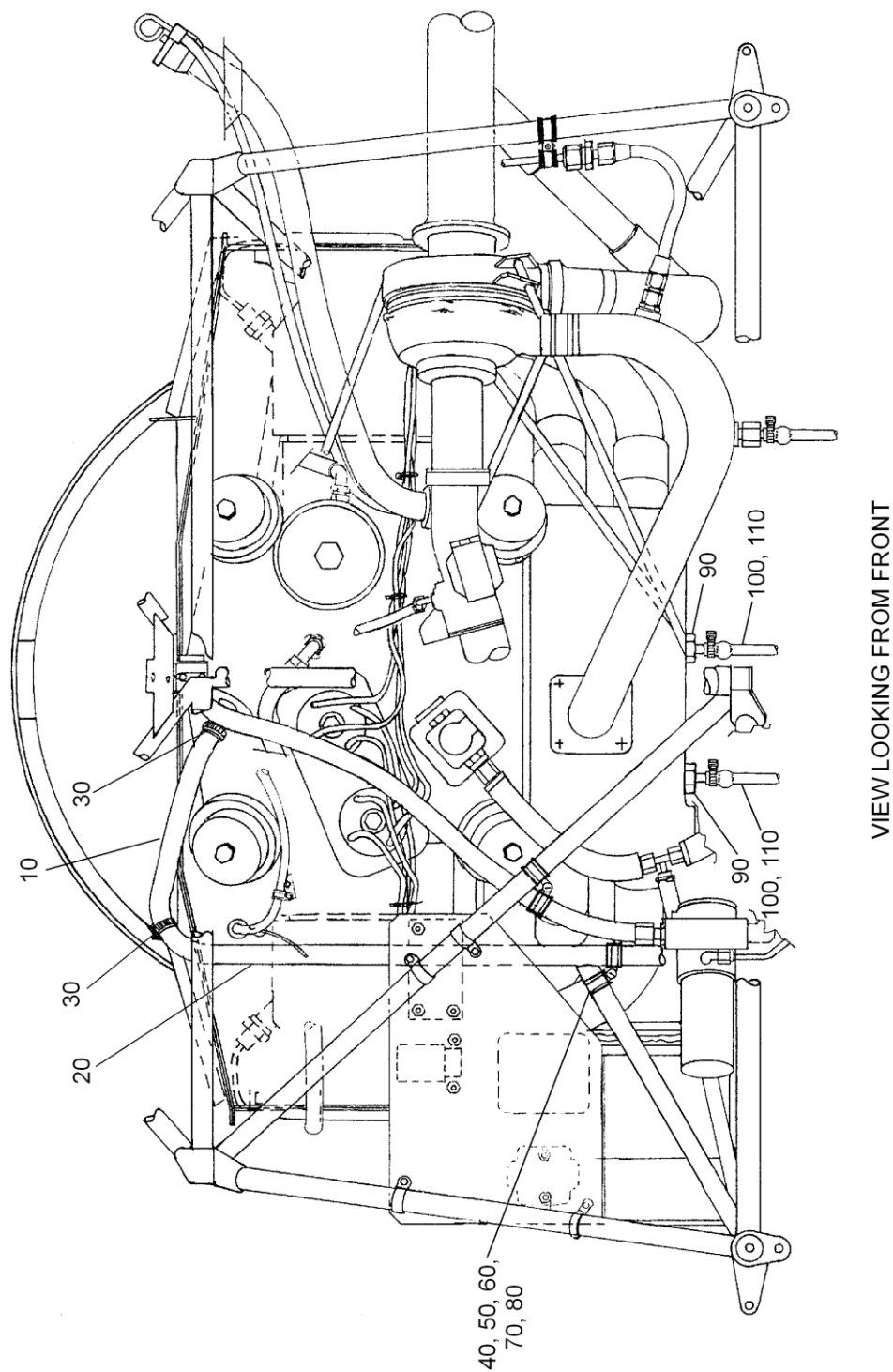
* Replaces one piece line assembly, P/N 28-121007-2, used in earlier production aircraft.

** Used with induction tube assemblies, P/N 037360-104 and 037360-160. Reference Figure 3-3.

† Used with induction tube assembly, P/N 037360-161. Reference Figure 3-3.

▼ Required by AD 91-08-07.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



See Figure 3-5.1 for the Magneto Cooling Installation.

FIGURE 3-5. ENGINE VENT INSTALLATION

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-5A. MAGNETO COOLING INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—*	28-22031-1	Magneto Blast Tube Install Magneto Cooling	REF			X	X	X	X	X
—	28-22031-3	Magneto Cooling Instl	REF					X		X
10	28-12706-11	. . Deflector - Hot Air	1			X	X	X	X	X
20	MS20470AD3-3	. . Rivet: Solid, 3/32" X 0.188"	6			X	X	X	X	X
30	28-22034-11	. Seal Foam Magneto	1			X	X	X	X	X
40	20024S	. Clamp	2			X	X	X	X	X
40	QS200-M24S	. Clamp, Hose, 1.0625-2.0" Dia (Replaced by 20024S)	2			X	X	X	X	X
50	400-003	. Duct, Silicone/Fiberglass, 1.750"	24"			X	X	X	X	X
50	SCEET7	. Duct, Silicone/Fiberglass, 1.750" (Superseded by 400-003)	24"			X	X	X	X	X
60	20024S	. Clamp	2			X	X	X	X	X
60	QS200-M24S	. Clamp, Hose, 1.0625-2.0" Dia (Replaced by 20024S)	2			X	X	X	X	X
70♦	280-127505-17	. Stub Heat Duct	1			X	X	X	X	X
80	400-003	. Duct, Silicone/Fiberglass, 1.750"	12"			X	X	X	X	X
80	SCEET7	. Duct, Silicone/Fiberglass, 1.750" (Superseded by 400-003)	12"			X	X	X	X	X
90	AN742D28	. Clamp, Loop	2			X	X	X	X	X
100	MS21919WDG12	. Clamp, Loop	2			X	X	X	X	X
110	MS35207-264	. Screw	2			X	X	X	X	X
120	NAS1149F0332P	. Washer, Flat	4			X	X	X	X	X
130	MS21083N3	. Nut: Hex, 190-32 UNJF-3B Thin	2			X	X	X	X	X
140	28-01058-3	. Cooling Kit Assy	1			X	X	X	X	X
—	28-01058-15	. . Bracket Magneto Cooling	1			X	X	X	X	X
150	AN526-1032R8	. . Screw, Mach (Th) 10-32 x 0.500	2			X	X	X	X	X
160	28-22032-1	. Cowl Lower Center 280FX	1			X	X	X	X	X
160	28-114016-7	. Cowl Lower Center F28F	1			X	X	X	X	X
170	AN742D28	. Clamp	1	X	X	X	X	X	X	X
180	MS21919WDG12	. Clamp	1	X	X	X	X	X	X	X
190	MS35207-264	. Screw	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-5A. MAGNETO COOLING INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
200	NAS1149F0332P	. Washer	2	X	X	X	X	X	X	X
210	MS21083N3	. Nut	1	X	X	X	X	X	X	X

* Customer Service use (excludes P/N 280-127505).

♦ Part not included in 28-22031-3.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

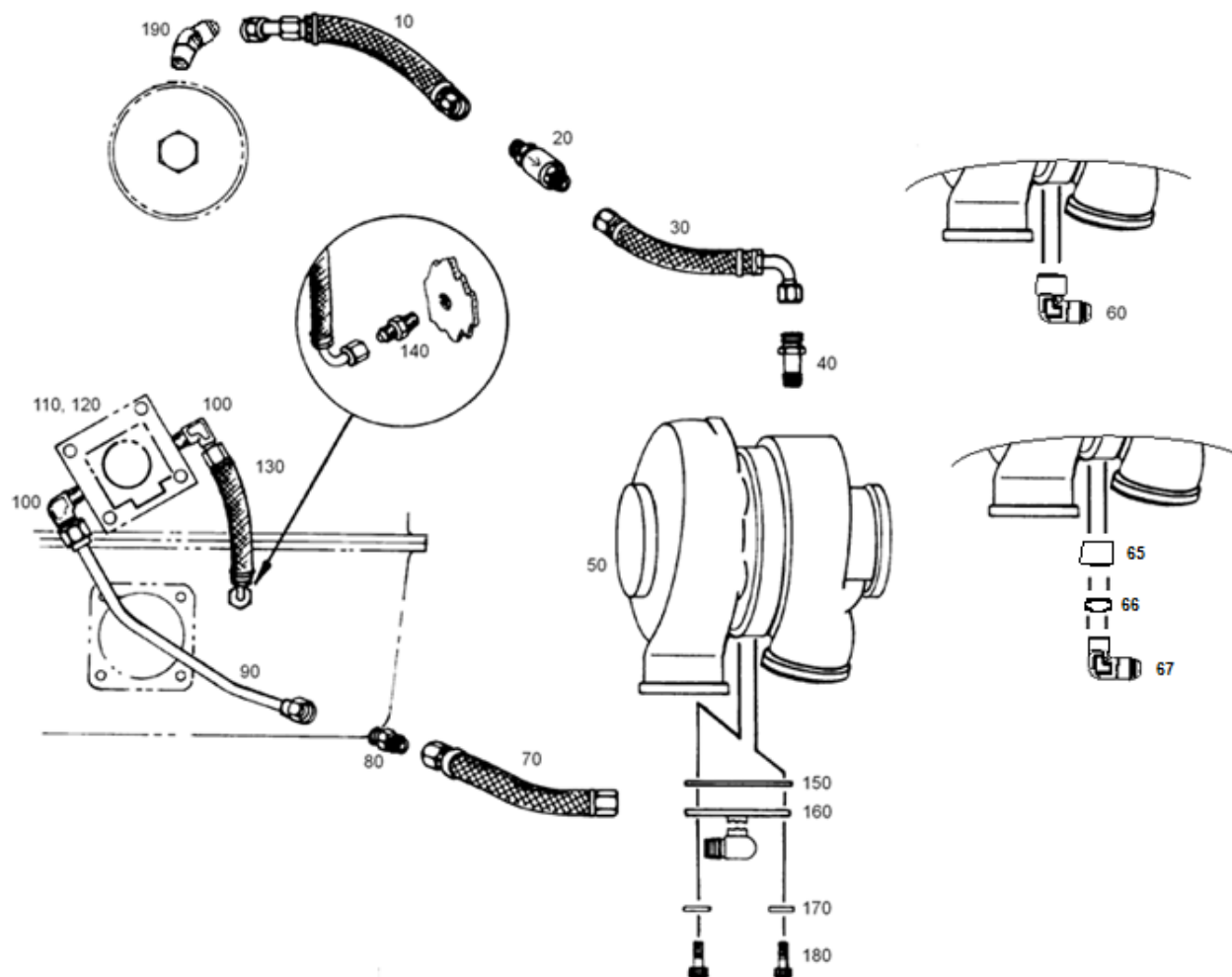
FIGURE 3-7. OIL COOLER INSTALLATION (C, F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
280	AN515-8R7	. Screw (Superseded by MS35206-244)	A/R			X	X	X	X	X
290	NAS1149FN832P	. Washer	A/R			X	X	X	X	X
290	AN960-8	. Washer (Superseded by NAS1149FN832P)	A/R			X	X	X	X	X
300*	28-12151-1	. Oil Line	1			X	X	X	X	X
310*	20206A	. Oil Cooler	1			X	X	X	X	X
320*	6400 10-8	. Straight Thread Connector	2			X	X	X	X	X
320*♦	848-FSO-10-08	. Adapter (Replaced by 6400 10-8)	2			X	X	X	X	X
321	MS28778-8	. O-Ring, N507-90, 0.644	2			X	X	X	X	X
330*	NAS6603-4	. Bolt	5			X	X	X	X	X
330*	AN3-5A	. Bolt (Replaced by NAS6603-4)	5			X	X	X	X	X
340*	28-12160-11	. Spacer	2			X	X	X	X	X
350*	28-12150-1	. Aux Oil Cooler Hose	1			X	X	X	X	X
360*	AN503-416-28	. Screw	2			X	X	X	X	X
370*	28-12158-11	. Clamp	2			X	X	X	X	X
380	NAS43HT4-64	. Spacer	2			X	X	X	X	X

* Applicable to F-28A model aircraft equipped with the Exit Duct Assembly, P/N 280-126003-1.

♦ AN919-15 & MS28775-115 or 10-8 F50X straight thread connector (Parker) are acceptable alternates.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



(C, F MODELS)

FIGURE 3-8. TURBOCHARGER OIL LINES

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

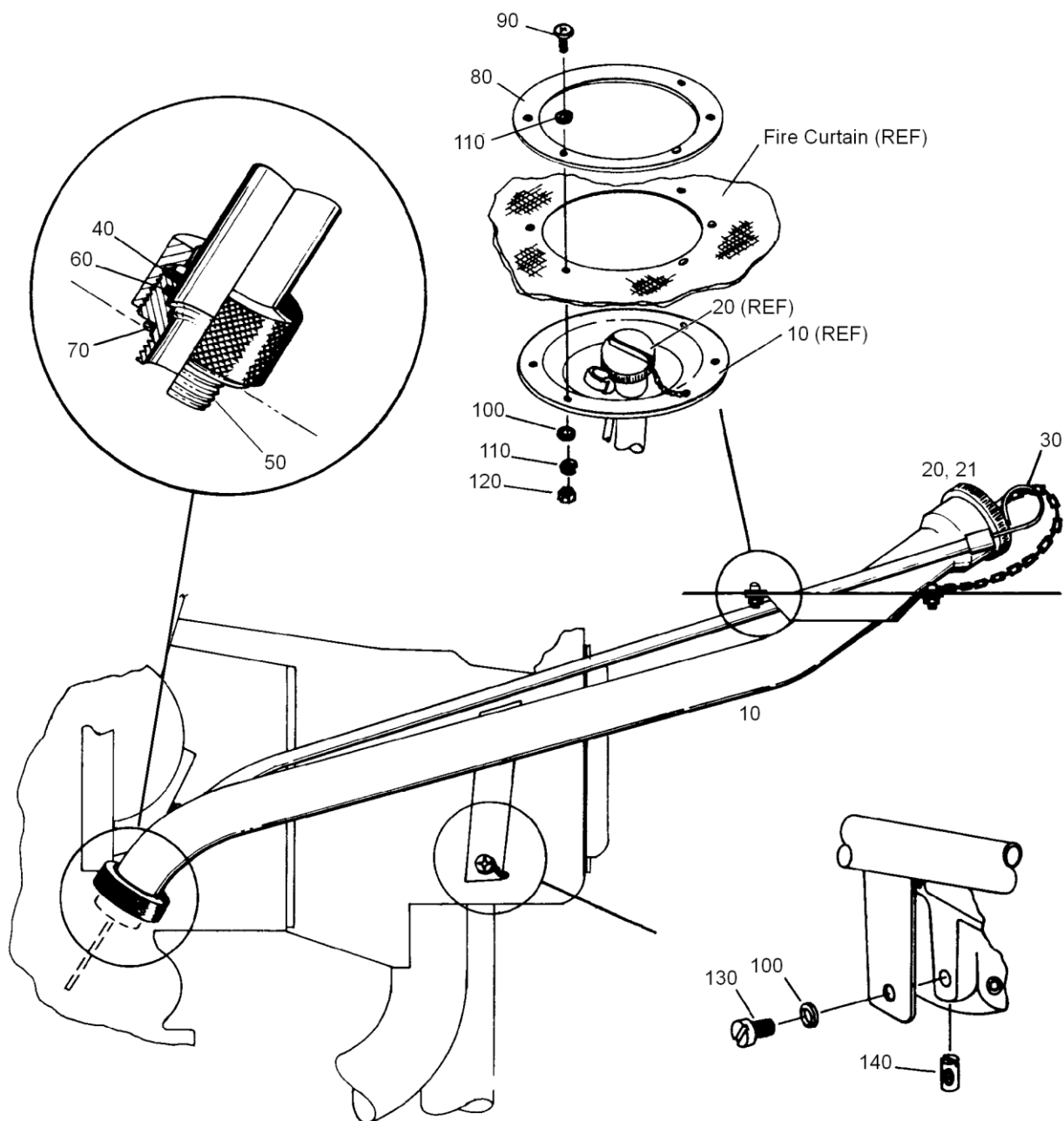


FIGURE 3-9. OIL FILL TUBE INSTALLATION

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-9. OIL FILL TUBE INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	28-12128-9	Oil Fill Tube Instl	REF					X		X
—	28-12128-5	Oil Fill Tube Instl	REF			X	X	X	X	X
10	28-12112-9	. Oil Filler Tube Assembly	1	X	X	X	X	X	X	X
10	28-12112-5	. Tube Assembly Oil Fill	1			X	X	X	X	X
10	28-12118-2	. Tube Assembly Oil Fill (Superseded by 28-12112-5)	1	X	X	X	X	X	X	X
10	28-12112-4	. Oil Fill Tube Assembly (Superseded by 28-12112-2)	1	X	X					
20♦	28-12122-3	. . Oil Filler Cap	1					X		X
20	28-12122-1	. . Cap Assembly	1	X	X	X	X	X	X	X
21	1239	. . Oil Filler Cap Gasket	1	X	X	X	X	X	X	X
30	28-12125-1	. . Dip Stick Assembly	1	X	X					
30	28-121001-1	. . Dip Stick Assembly	1			X	X	X	X	X
40	2-218	. O-Ring	1	X	X	X	X	X	X	X
40	MS28775-218	. O-Ring (Alternate to 2-218)	1	X	X	X	X	X	X	X
50	28-12116-11	. Engine Adaptor	1	X	X	X	X	X	X	X
60	2-026	. O-Ring	1	X	X	X	X	X	X	X
60	MS28775-026	. O-Ring (Alternate to 2-026)	1	X	X	X	X	X	X	X
70	2-214	. O-Ring	1	X	X	X	X	X	X	X
70	MS28775-214	. O-Ring (Alternate to 2-214)	1	X	X	X	X	X	X	X
80	28-12127-11	. Ring, Support Scupper Oil	1	X	X	X	X	X	X	X
90	MS35206-244	. Screw	6	X	X	X	X	X	X	X
90	AN517-8R7	. Screw (Superseded by MS35206-244)	6	X	X	X	X	X	X	X
100	NAS1149FN816F	. Washer	13	X	X	X	X	X	X	X
100	AN960-8L	. Washer (Superseded by NAS1149FN816F)	13	X	X	X	X	X	X	X
110	MS35338-42	. Lock Washer	6	X	X	X	X	X	X	X
110	AN935-8	. Lock Washer (Superseded by MS35338-42)	6	X	X	X	X	X	X	X
120	MS35649-282	. Nut	6	X	X	X	X	X	X	X
120	AN340-832	. Nut (Superseded by MS35649-282)	6	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

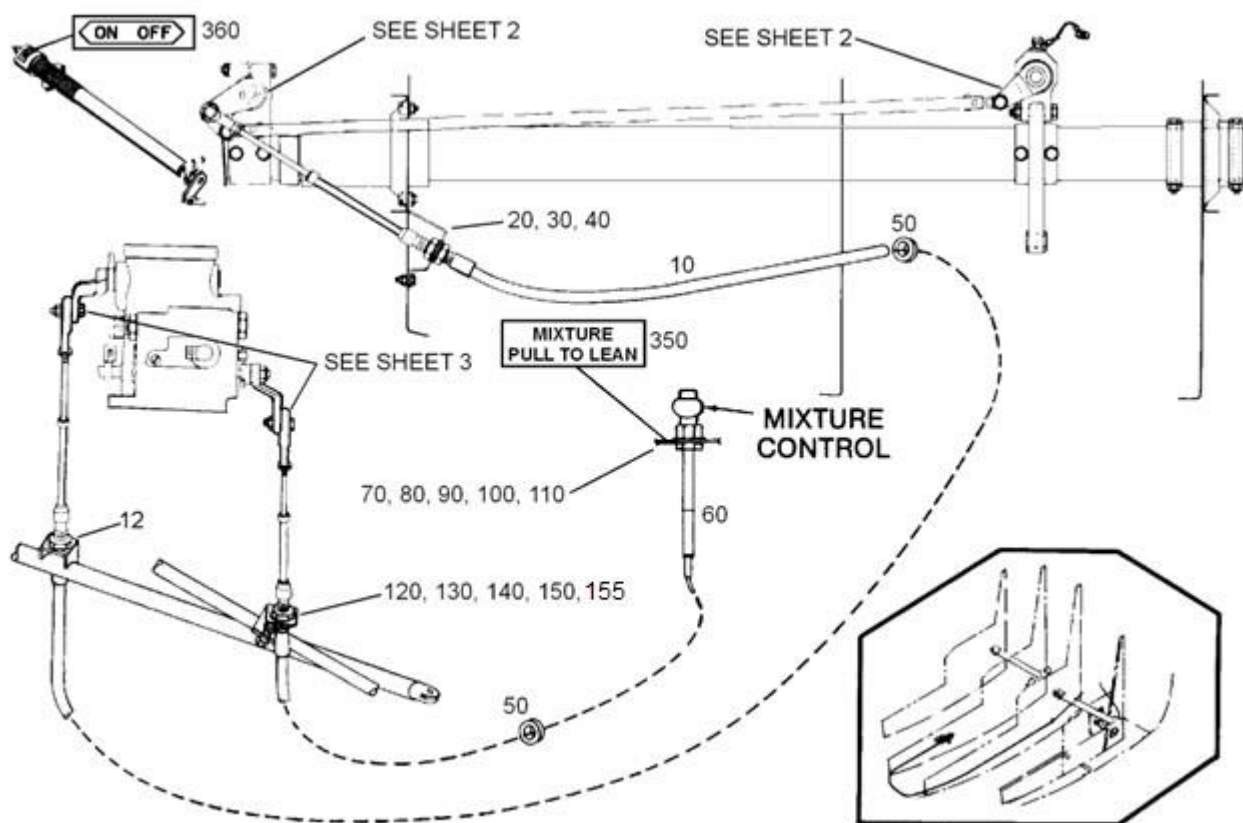
FIGURE 3-9. OIL FILL TUBE INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
130	AN502-10-8	. Screw	1	X	X	X	X	X	X	X
140*	65614	. Plug, Attaching	1	X	X	X	X	X	X	X
150	NAS1149F0332P	. Washer, Flat	1	X	X	X	X	X	X	X

* Obtain from Lycoming distributor.

◆ Used in 28-12112-9.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 1 of 3

FIGURE 3-10. THROTTLE AND MIXTURE CONTROL INSTALLATION (A, C MODELS)

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-11. THROTTLE CORRELATOR ASSEMBLY (F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
10	28-16096-3	. Plate Assembly	1					X	X	X
10	28-16096-1	. Plate Assembly (Superseded by 28-16096-3)	1					X	X	X
20	NAS428K4A16	. . Bolt	1					X	X	X
20	NAS428K4-16	. . Bolt (Superseded by NAS428K4A16)	1					X	X	X
—	AN316-4R	. . Jam Nut	1					X	X	X
—	28-16080-901	. Offset Tube and Socket Assembly	1					X	X	X
40	28-16421-1	. . Offset Tube Assembly	1					X	X	X
50	28-16088-13	. . Tube	1					X	X	X
60	28-16409-15	. . Socket Control Throttle	1					X	X	X
60	28-16409-13	. . Socket Control Throttle (Replaced by 28-16409-15)	1					X	X	X
70	AN173-17A	. . Bolt	2					X	X	X
80	AN173-21A	. . Bolt	2					X	X	X
90	NAS1149F0363P	. . Washer	8					X	X	X
90	AN960-10	. . Washer (Superseded by NAS1149F0363P)	8					X	X	X
100	MS21044N3	. . Nut	4					X	X	X
100	AN365-1032A	. . Nut (Superseded by MS21044N3)	4					X	X	X
—	28-16478-3	. Pivot Support Assembly	1					X	X	X
—	28-16478-5	. Pivot Support Assembly (Superseded by 28-16478-3)	1					X	X	X
110	28-16479-13	. . Pivot Support Plate	1					X	X	X
120	28-16484-11	. . Clapper	1					X	X	X
130	NAS6603-10	. . Bolt	1					X	X	X
130	AN3-10A	. . Bolt (Superseded by NAS6603- 10)	1					X	X	X
140	NAS1149F0363P	. . Washer	2					X	X	X
140	AN960-10	. . Washer (Superseded by NAS1149F0363P)	2					X	X	X
150	28-16476-2	. . Bushing	1					X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-11. THROTTLE CORRELATOR ASSEMBLY (F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
160	MS21083N3	. . Nut	1					X	X	X
160	AN364-1032A	. . Nut (Superseded by MS21083N3)	1					X	X	X
170	28-16098-11	. . Stop Pin	2					X	X	X
180	NAS428K4A16	. . Bolt	1					X	X	X
180	NAS428K4-16	. . Bolt (Superseded by NAS428K4A16)	1					X	X	X
190	AN316-4R	. . Nut	1					X	X	X
200	MS24586-C346	. . Spring	2					X	X	X
—	28-16481-5	. Output Lever Assembly	1					X	X	X
210	28-16482-13	. . Output Lever	1					X	X	X
220	28-16473-1	. . Bushing	3					X	X	X
230	MS27641-4	. . Bearing	2					X	X	X
230	KP4A	. . Bearing (Alternate)	2					X	X	X
240	28-16477-1	. Spacer	1					X	X	X
250	28-16476-3	. Bushing	1					X	X	X
260	AN4H-12A	. Bolt	1					X	X	X
270	NAS6604D56	. Bolt	1					X	X	X
270	AN4-37	. Bolt (Superseded by NAS6604D56)	1					X	X	X
280	28-16074-11	. Spacer	1					X	X	X
290	28-16087-11	. Washer	2					X	X	X
300	28-16477-2	. Spacer	2					X	X	X
310	F12-NE-4753-048	. Nut	2					X	X	X
310	MS17825-4	. Nut (Alternate to F12-NE-4753- 048)	2					X	X	X
320	MS24665-151	. Cotter Pin	6					X	X	X
320	AN381-2-8	. Cotter Pin (Superseded by MS24665-151)	6					X	X	X
330	NAS6604D21	. Bolt	1					X	X	X
330	AN4-16	. Bolt (Superseded by NAS6604D21)	1					X	X	X
340	MS27641-4	. Bearing	2					X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-11. THROTTLE CORRELATOR ASSEMBLY (F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
340	KP4A	. Bearing (Alternate)	2					X	X	X
350	NAS1149F0463P	. Washer	3					X	X	X
350	AN960-416	. Washer (Superseded by NAS1149F0463P)	3					X	X	X
360	NAS1149F0432P	. Washer	2					X	X	X
360	AN960-416L	. Washer (Superseded by NAS1149F0432P)	2					X	X	X
370	28-16021-11	. Bellcrank	1					X	X	X
380	NAS6603D30	. Bolt	1					X	X	X
380	AN3-22	. Bolt (Superseded by NAS6603D30)	1					X	X	X
390	28-16087-13	. Washer	4					X	X	X
400	NAS1149F0363P	. . Washer	4					X	X	X
400	AN960-10	. . Washer (Superseded by NAS1149F0363P)	4					X	X	X
410	F12-NE-4753-02	. Nut	4					X	X	X
410	MS17825-3	. Nut (Alternate to F12-NE-4753- 02)	4					X	X	X
420	NAS6603D16	. Bolt	2					X	X	X
420	AN3-13	. Bolt (Superseded by NAS6603D16)	2					X	X	X
430	28-16498-9	. Tie Rod	1					X	X	X
440	28-16473-1	. Bushing	3					X	X	X
450	28-16498-101	. Tie Rod Assembly	1					X	X	X
450*	28-16498-9	. Tie Rod	1					X		
460	NAS6603D14	. Bolt	1					X	X	X
460	AN3-12	. Bolt (Superseded by NAS6603D14)	1					X	X	X
470≡	MS24586C311	. Spring	2					X	X	X
480≡	MS24586C234	. Spring	2					X	X	X
490	28-16022-11	. Bell Crank	1					X	X	X
500	28-16011-1	. Bolt Control Collective	1					X	X	X
—	NAS1149F0532P	. Washer, Flat	1					X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

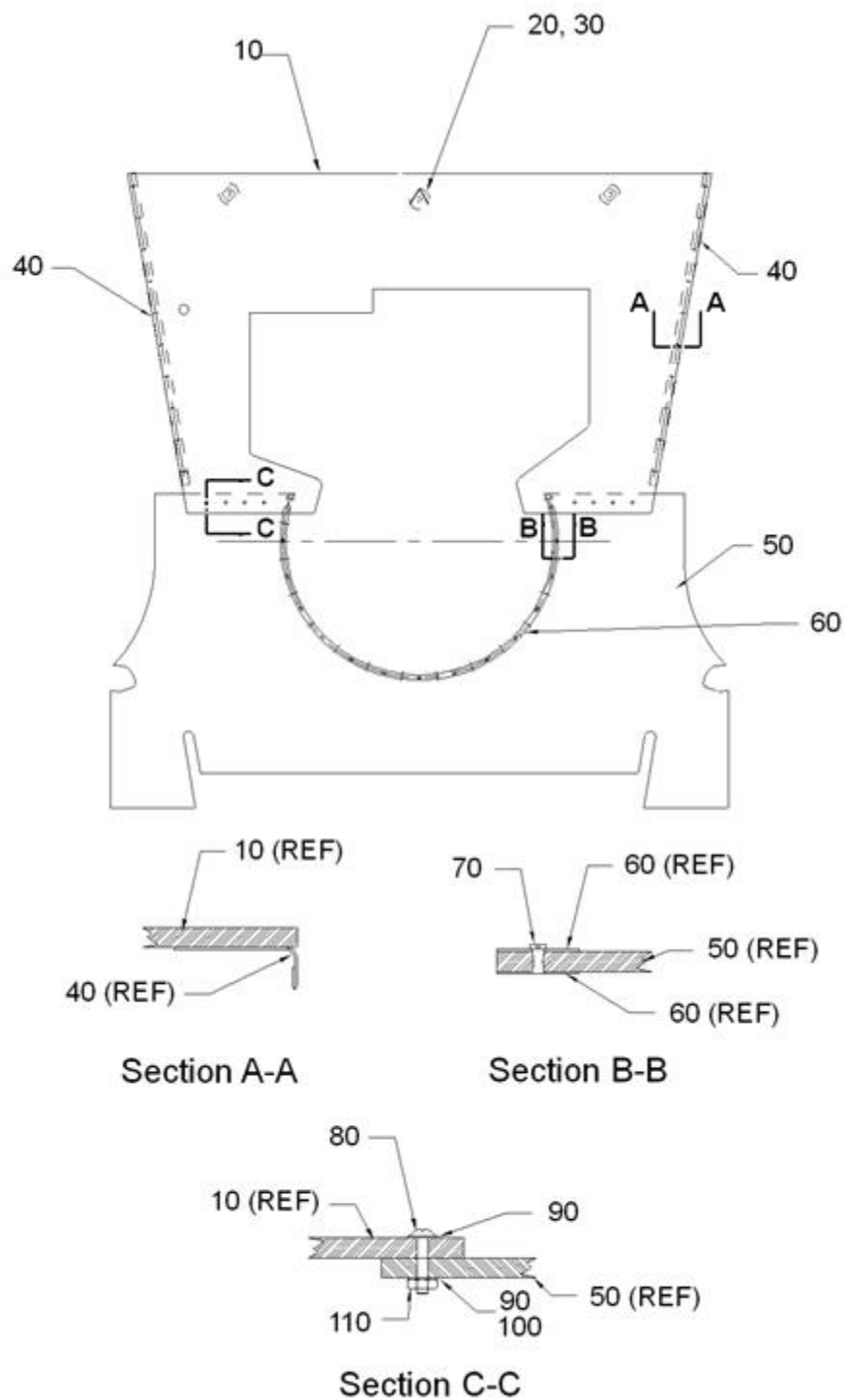
FIGURE 3-11. THROTTLE CORRELATOR ASSEMBLY (F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-113107-11	. Throttle Correlator Spacer (0.032")	A/R					X	X	X
–	28-113107-13	. Throttle Correlator Spacer (0.025")	A/R					X	X	X
–	28-113107-15	. Throttle Correlator Spacer (0.016")	A/R					X	X	X
–	28-113108-11	. Collective Stop Plate (0.032")	A/R					X	X	X
–	28-113108-13	. Collective Stop Plate (0.025")	A/R					X	X	X
–	28-113108-15	. Collective Stop Plate (0.016")	A/R					X	X	X

* Used on S/N 506, 507, and 509 through 736.

≡ See Appendix A for equivalent part information.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Firewall Curtain Assembly

FIGURE 3-16. FIRE CURTAIN ASSEMBLY (ALL MODELS)

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-16. FIRE CURTAIN ASSEMBLY (ALL MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-11501-3	Firewall Curtain Assembly	REF	X	X	X	X	X	X	X
–	28-11501-1	Firewall Curtain Assembly (Superseded by 28-11501-3)	REF	X	X	X	X	X	X	X
10	28-11501-17	. Curtain Firewall Top	1	X	X	X	X	X	X	X
10	28-11501-15	. Curtain Firewall Top (Superseded by 28-11501-17)	1	X	X	X	X	X	X	X
10	28-11501-12	. Curtain Firewall Top (Superseded by 28-11501-15)	1	X	X	X	X	X	X	X
◆	G-89	. Fabric: Fire Curtain, 0.057" Thick (In square yards)	2.0	X	X	X	X	X	X	X
20	28-11501-10	. Patch Support	1	X	X	X	X	X	X	X
–	G-89	. Fabric: Fire Curtain, 0.057" Thick (In Square Yards)	0.004	X	X	X	X	X	X	X
30	732-RTV	. Sealant: Rubber, Clear Silicone	A/R	X	X	X	X	X	X	X
40	28-11501-4	. Strip Mount	2	X	X	X	X	X	X	X
50	28-11501-901	. Curtain Firewall Aft	1	X	X	X	X	X	X	X
–	G-89	. Fabric: Fire Curtain, 0.057" Thick (In Square Yards)	2.0	X	X	X	X	X	X	X
60	28-11502-5	. Ring, Retaining, Firewall	2	X	X	X	X	X	X	X
70	MS20426AD3-4	. Rivet: Solid, 3/32" X 1/4"	16	X	X	X	X	X	X	X
80	AN526-6R6	. Screw	8	X	X	X	X	X	X	X
90	NAS1149FN616P	. Washer	8	X	X	X	X	X	X	X
90*	AN960-6L	. Washer (Superseded by NAS1149FN616P)	16	X	X	X	X	X	X	X
100	MS35338-41	. Lock Washer (Used on 28-11501- 1)	8	X	X	X	X	X	X	X
100	AN935-6	. Lock Washer (Superseded by MS35338-41) (Used on 28- 11501-1)	8	X	X	X	X	X	X	X
110	AN340-6	. Nut	8	X	X	X	X	X	X	X

* Quantity is 8 when configured with P/N 28-11501-1.

◆ G88 .057 36 50 Thermo-Chem firewall sheet is an acceptable alternative material.

NOTE: The quantities listed for the attaching hardware may vary depending on aircraft model.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-17. FIRE CURTAIN INSTALLATION (ALL MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-11500-1	Engine Firewall Installation	REF	X	X	X	X	X	X	X
10	28-11501-3	. Fire Curtain Assembly	1	X	X	X	X	X	X	X
20	A1784-6Z1D	. Nut, Tinnerman	20	X	X	X	X	X	X	X
20	A1784-6Z-1	. Nut, Tinnerman (Superseded by A1784-6Z1D)	22	X	X	X	X	X	X	X
30	MS51861-24	. Screw	20	X	X	X	X	X	X	X
30	AN530-6R6	. Screw (Superseded by MS51861-24)	22	X	X	X	X	X	X	X
40	NAS1149FN616P	. Washer	20	X	X	X	X	X	X	X
40	AN960-6L	. Washer (Superseded by NAS1149FN616P)	22	X	X	X	X	X	X	X
50	28-11500-3	. Strap Firewall	1	X	X	X	X	X	X	X
60	MS51861-24	. Screw	10	X	X	X	X	X	X	X
60	AN530-6R6	. Screw (Superseded by MS51861-24)	10	X	X	X	X	X	X	X
70	NAS1149FN616P	. Lock Washer	10	X	X	X	X	X	X	X
70	AN936-A6	. Lock Washer (Superseded by NAS1149FN616P)	10	X	X	X	X	X	X	X
80	MS20426AD3-3	. Rivet	10	X	X	X	X	X	X	X
90	8X1/2	. Screw	10	X	X	X	X	X	X	X
100	NAS1149FN816P	. Washer	10	X	X	X	X	X	X	X
100	NAS1149FN616P	. Washer (Replaced by NAS1149FN816P)	10	X	X	X	X	X	X	X
100	AN960-6L	. Washer (Superseded by NAS1149FN616P)	10	X	X	X	X	X	X	X
110	AN515-6R7	. Screw, Machine (RH), 6-32 X 0.438"	15	X	X	X	X	X	X	X
120	NAS1149FN616P	. Washer	30	X	X	X	X	X	X	X
120	AN960-6L	. Washer (Superseded by NAS1149FN616P)	15	X	X	X	X	X	X	X
130	MS21044N06	. Nut Hex, Self Locking	15	X	X	X	X	X	X	X
130	AN365-632A	. Nut Hex, Self Locking (Superseded by MS21044N06)	15	X	X	X	X	X	X	X
140	AN525-10R7	. Screw	2	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-17. FIRE CURTAIN INSTALLATION (ALL MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
140	MS35206-244	. Screw, Machine (Replaced by AN525-10R7)	3	X	X	X	X	X	X	X
140	AN515-8R7	. Screw, Machine (Superseded by MS35206-244)	3	X	X	X	X	X	X	X
150	NAS1149FN816P	. Washer: Flat	3	X	X	X	X	X	X	X
150	AN960-8L	. Washer: Flat (Superseded by NAS1149FN816P)	3	X	X	X	X	X	X	X
160	8X1/2	. Screw	3	X	X	X	X	X	X	X
160	AN530-8R8	. Screw: Tapping (RH), 8-18 X 0.500" (Replaced by 8X1/2)	3	X	X	X	X	X	X	X
170	28-11501-4	. Mount Strip	2	X	X	X	X	X	X	X
180	8x1/2	. Screw	5	X	X	X	X	X	X	X
180	AN530-8R8	. Screw (Replaced by 8X1/2)	5	X	X	X	X	X	X	X
190	NAS1149FN816P	. Washer	5	X	X	X	X	X	X	X

NOTE: The quantities listed for the attaching hardware may vary depending on aircraft model.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20. ENGINE FAN SHROUD ASSEMBLY
F-28F S/N 826 and 280FX S/N 2135 and Subsequent

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	AJW4-30	. . . Stud, Wing-Head, 0.200" X 0.30	2					X		X
—	GA4-250	. . . Retainer, Stud, 5/16"	2					X		X
70	28-12688-5	. . Starter Shroud Assembly	1					X		X
—	MS20470A3-4	. . . Rivet: Solid, 3/32" X 0.250"	4					X		X
—	NAS1149FN316P	. . . Washer: Flat, #3 (0.016") Light	4					X		X
—	28-12688-29	. . . Curtain Air Seal Starter	1					X		X
—	G-89	 Fabric: Fire Curtain, 0.057" Thick (In Square Yards)	0.003					X		X
80	28-12681-5	. . Duct Assembly Oil Cooler Lower	1					X		X
—	MS20426AD3-3	. . . Rivet, Solid, 3/32" X 3/16"	2					X		X
—	MS20470AD3-4	. . . Rivet, Solid, 3/32" X 0.250"	12					X		X
—	MS20426AD3-4	. . . Rivet, Solid, 3/32" X 0.250"	15					X		X
—	NAS1097AD3-4	. . . Rivet, Solid, 3/32" X 1/4"	1					X		X
—	MS21078-3	. . . Nut Plate, 2-Lug, 10-32	5					X		X
—	MS21080-3	. . . Nut Plate	2					X		X
—	NAS686A08K	. . . Nut Plate	1					X		X
—	1219-4200-Z3Y	 Spring	2					X		X
—	28-12667-11	. . . Doubler Oil Cooler Duct	1					X		X
—	28-12668-11	. . . Curtain Baffle Oil Cooler Duct	1					X		X
—♦	G-89	 Fabric: Fire Curtain, 0.057" Thick (In square yards)	0.04					X		X
90	28-12682-11	. . . Deflector Left Side Lower Fan Shroud	1					X		X
100	28-12683-1	. . . Bracket Assembly Fan Shroud	1					X		X
—	28-12683-11	 Bracket Fan Shroud	1					X		X
—	28-12683-13	 Bracket Shroud Lower Left Fan	1					X		X
110	28-12666-3	. . Cover Fan Shroud Duct	1					X		X
—	AJW4-30	. . . Stud, Wing-Head, 0.200" X 0.30"	2					X		X
120	28-12687-1	. . Baffle Oil Cooler Duct	1					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20. ENGINE FAN SHROUD ASSEMBLY
F-28F S/N 826 and 280FX S/N 2135 and Subsequent

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	NAS686A3K	. . . Nut Plate	5					X		X
—	MS20426AD3-4	. . . Rivet: Solid, 3/32" X 1/4"	16					X		X
130	28-12659-1	. . Left Side Baffle Assembly	1					X		X
—	28-12659-15	. . Left Side Baffle	1					X		X
—	MS21061L08K	. . . Nut Plate	1					X		X
—	NAS686A08K	. . . Nut Plate	1					X		X
—	MS20426AD3-3	. . . Rivet: Solid, 3/32" X 0.188"	4					X		X
—	28-12659-17	. . . Clip Baffle	1					X		X
—	MS20470AD3-3	 Rivet	2					X		X
150	28-12611-5	. . Bracket Anchor	1					X		X
160	28-12689-11	. . Fire Curtain Alternator (793/2078 and Subsequent).	1					X		X
—◆	G-89	. . . Fabric: Fire Curtain, 3/64" Thick (In square yards)	0.04					X		X
170	28-12610-12	. . Baffle Fan Shroud LH	1					X		X
180	28-12610-13	. . Baffle Fan Shroud RH	1					X		X
190	28-12620-1	. Bracket Shroud Fan Up Support	1					X		X
—	MS21069-08	. . Plate Nut	1					X		X
—	MS20426AD3-4	. . Rivet, Solid, 3/32" X 3/16"	2					X		X
200	28-12647-5	. Vane & Splitter Assembly	1					X		X
200	28-12647-3	. Vane & Splitter Assembly (Replaced by 28-12647-5)	1					X		X
—	MS20470AD4-4	. . Rivet: Solid, 1/8" X 0.250" Alum	12					X		X
—	28-12646-21	. . Upper Splitter	1					X		X
—	28-12646-13	. . Lower Splitter	1					X		X
—	28-12646-15	. . Clip Splitter	2					X		X
—	28-12646-17	. . Clip Splitter	2					X		X
—	280-126001-109	. . Vane Assembly	1					X		X
—	MS20426AD3-3	. . . Rivet, Solid, 3/32" X 3/16"	6					X		X
—	NAS686A08K	. . . Nut Plate	3					X		X
210	280-126001-9	. Vane Assembly	1					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20. ENGINE FAN SHROUD ASSEMBLY
F-28F S/N 826 and 280FX S/N 2135 and Subsequent

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
-	MS20470AD4-4	. . Rivet: Solid, 1/8" X 0.250" Alum	5					X		X
-	MS20470AD4-5	. . Rivet, Solid, 1/8" X 0.312" Alum	1					X		X
-	280-126001-15	. . Vane	1					X		X
-	280-126001-53	. . Clip Vane	1					X		X
-	280-126001-55	. . Clip Vane	1					X		X
220 ◀	28-126007-7	. Baffle Plate Assembly #1 Cylinder	1					X		X
220	28-126007-5	. Baffle, L/H Aft (Superseded by 28-126007-7)	1					X		X
-	82-35-302-15	. . Receptacle, Spring, Leaf #82	1					X		X
-	MS21069-06K	. . Nut Plate	2					X		X
-	MS20426A3-3.5	. . Rivet	4					X		X
-	NAS1097AD3-4	. . Rivet	2					X		X
230 ◀	28-12607-101	. Baffle Plate Assembly #2 Cylinder	1					X		X
230	28-12607-8	. Plate Baffle Assembly (Superseded by 28-12607-101)	1					X		X
-	82-35-302-15	. . Receptacle, Spring, Leaf #82	2					X		X
-	MS21069-06K	. . Nut Plate	2					X		X
-	MS20426AD3-3.5	. . Rivet	4					X		X
-	NAS1097AD3-4	. . Rivet	4					X		X
240 ◀	28-126007-17	. Baffle Plate #3 Cylinder	1					X		X
240	28-126007-3	. Plate Baffle (Superseded by 28- 126007-17)	1					X		X
-	82-35-302-15	. . Receptacle, Spring, Leaf #82	2					X		X
-	NAS1097AD3-4	. . Rivet	4					X		X
250	28-12607-6	. Plate Baffle Assembly	1					X		X
250 ◀	28-12607-13	. . Baffle Plate #4 Cylinder	1					X		X
250	28-12607-9	. . Baffle Plate #4 Cylinder (Replaced by 28-12607-13)	1					X		X
-	82-35-302-15	. . Receptacle, Spring, Leaf #82	2					X		X
-	NAS1097AD3-4	. . Rivet	4					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20. ENGINE FAN SHROUD ASSEMBLY
F-28F S/N 826 and 280FX S/N 2135 and Subsequent

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
260	28-12613-5	. Baffle Fan Shroud	1					X		X
270	28-12613-4	. Baffle Fan Shroud	1					X		X
280◀	28-12629-11	. Baffle Plate	1					X		X
280	28-12616-1	. Plate Baffle Assembly (Superseded by 28-12629-11)	1					X		X
—	82-19-120-16	. . Fastener Stud Recess	3					X		X
—	82-19-140–16	. . Stud, Oval-Head, 0.198" (0.285)	4					X		X
—	43-13-1-24	. . Ejector Spring	7					X		X
—	82-32-101-20	. . Retainer, Ring, Split #82 Stud	7					X		X
290◀	28-12628-11	. Baffle Plate	1					X		X
290	28-12614-1	. Baffle Plate Assembly (Superseded by 28-12628-11)	1					X		X
—	82-19-120-16	. . Fastener Stud Recess	3					X		X
—	82-19-140–16	. . Stud, Oval-Head, 0.198" (0.285)	5					X		X
—	43-13-1-24	. . Spring Ejector	8					X		X
—	82-32-101-20	. . Retainer, Ring, Split #82 Stud	8					X		X
291	8X5/8	. . Screw (Used with 28-12629-11 and 28-12628-11)	15					X		X
291	MS51861-36	. . Screw (Used with 28-12629-11 and 28-12628-11) (Alternate)	15					X		X
292≡	A01789-8Z-1D	. . Nutplate	15					X		X
300	28-12615-1	. Plate Baffle Assembly	1					X		X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	6					X		X
—	MS20426A3-4	. . Rivet, Solid, 3/32" X 1/4"	12					X		X
310	28-12609-5	. Baffle Plate Assembly	1					X		X
310	28-12609-3	. Baffle Plate Assembly (Replaced by 28-12609-5)	1					X		X
—	28-12609-11	. . Baffle Plate #4 Cylinder	1					X		X
—	28-12609-6	. . Baffle Plate #4 Cylinder (Replaced by 28-12609-11)	1					X		X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	1					X		X
—	MS21071-06	. . Nut Plate	1					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20. ENGINE FAN SHROUD ASSEMBLY
F-28F S/N 826 and 280FX S/N 2135 and Subsequent

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	MS21069-06	. . Nut Plate	1					X		X
—	NAS1097AD3-4	. . Rivet	2					X		X
—	280-127505-17	. . Stub Heat Duct	1					X		X
—	MS20470AD3-4	. . Rivet, Solid, 3/32" X 0.250"	4					X		X
—	NAS1097AD3-3	. . Rivet	4					X		X
320	28-12617-1	. Plate Baffle Assembly	1					X		X
—	28-12617-14	. . Seal Strip	1					X		X
—◆	G-89	. . . Fabric: Fire Curtain, 0.057" Thick (In square yards)	0.002					X		X
—	28-12617-13	. . Baffle	1					X		X
—	MS20470A3-3	. . Rivet, Solid, 3/32" X 0.188"	6					X		X
—	NAS1149FN316P	. . Washer: Flat, #3 (0.016") Light	6					X		X
—	AN960-3	. . Washer (Superseded by NAS 1149FN316P)	6					X		X
—	MS21069-06	. . Nut Plate	5					X		X
—	NAS1097AD3-3	. . Rivet, Solid, 3/32" X 3/16"	10					X		X
—	MS20426AD3-3	. . Rivet, Solid, 3/32" X 3/16" (Replaced by NAS1097AD3-3)	10					X		X
330	28-126008-3	. Plate Baffle Assembly	1					X		X
330	28-126008-1	. Plate Baffle Assembly (Superseded by 28-126008-3)	1					X		X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	1					X		X
—	MS21069-06	. . Nut Plate	3					X		X
—	NAS1097AD3-3	. . Rivet	2					X		X
—	NAS1097AD3-4	. . Rivet: Solid, 3/32" X 1/4"	10					X		X
—	28-12608-4	. . Tab Support	1					X		X
—	28-12621-1	. . Bracket Cover	1					X		X
—	28-181008-1	. . Ducting Stub	1					X		X
340	AN515-6-6	. Screw, Machine (RH), 6-32 X 0.375"	A/R					X		X
350	NAS1149FN632P	. Washer, Flat #6 Bolt Size	A/R					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20. ENGINE FAN SHROUD ASSEMBLY
F-28F S/N 826 and 280FX S/N 2135 and Subsequent

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
350	AN960-6	. Washer (Superseded by NAS1149FN632P)	A/R					X		X
360	MS35338-41	. Washer, Lock, #6 (0.031")	A/R					X		X
360	AN935-6	. Lock Washer (Superseded by MS35338-41)	A/R					X		X
370	MS35649-262	. Nut, Hex, 6-32 Light	A/R					X		X
370	AN340-632	. Nut (Superseded by MS35649-262)	A/R					X		X
380	NP500-456-7	. Screw, 1/4-20 X 7/16"	3					X		X
380	NK500-416-7	. Screw (Superseded by NP500-456-7)	3					X		X
390	NAS1149F0432P	. Washer: Flat, 1/4" (0.032) Light	3					X		X
390	AN960-416L	. Washer (Superseded by NAS1149F0432P)	3					X		X
400	AN502-10-8	. Screw	3					X		X
410	MS35333-39	. Lock Washer	3					X		X
410	AN936A10	. Lock Washer (Superseded by MS35333-39)	3					X		X
420*	65614	. Plug, Attaching	3					X		X
430	MS35206-244	. Screw, Machine (RH), 8-32 X 0.438"	5					X		X
430	AN515-8R7	. Screw (Superseded by MS35206-244)	5					X		X
440	NAS1149FN816P	. Washer: Flat, #8" (0.016") Light	5					X		X
440	AN960-8L	. Washer (Superseded by NAS1149FN816P)	5					X		X
450	AN3-3A	. Bolt, Mach, 10-32 X 0.469"	A/R					X		X
460	NAS1149F0432P	. Washer, Flat, #10 (0.032") Light	A/R					X		X
460	AN960-10L	. Washer (Superseded by NAS1149F0332P)	A/R					X		X
470	AN3-4A	. Bolt: Machine, 10-32 X 0.531"	1					X		X
480	28-12619-1	. Strut Assembly	1					X		X
—	28-12619-4	. . Bracket End Lower	1					X		X
—	28-12619-5	. . Plate, End, Fan Shroud Strut	1					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20. ENGINE FAN SHROUD ASSEMBLY
F-28F S/N 826 and 280FX S/N 2135 and Subsequent

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
490	28-12686-11	. Strut	1					X		X
500	NAS6603-4	. Bolt	1					X		X
500	AN3-5A	. Bolt, Mach, 10-32 X 0.656" (Superseded by NAS6603-4)	1					X		X
510	NAS1149F0363P	. Washer, Flat, #10 (0.063")	2					X		X
510	AN960-10	. Washer (Superseded by NAS1149F0363P)	2					X		X
520	MS21044N3	. Nut, Self-Locking	1					X		X
520	AN365-1032A	. Nut (Superseded by MS21044N3)	1					X		X
530	AN503-416-10	. Screw, Machine (Flh), 1/4-20 X 0.625"	6					X		X
530	AN503-416-28	. Screw, Machine (Flh), 1/4-20 X 1.750"	2					X		X
530	AN503-416-10	. Screw, Machine (Flh), 1/4-20 X 0.625" (No Auxiliary Cooler)	8					X		X
540	NAS1149F0432P	. Washer: Flat, 1/4" (0.032") Light	8					X		X
540	AN960-416L	. Washer (Superseded by NAS1149F0432P)	8					X		X
550	NAS43HT4-64	. Spacer	2					X		X
560	MS21919WCJ12	. Clamp, Loop, 3/4" Cushioned	3					X		X
565	AN526-1032R8	. Screw	1					X		X
570	MS35206-245	. Screw: Mach (Ph), 8-32 X 0.500"	8					X		X
570	AN515-8R8	. Screw (Superseded by MS35206- 245)	8					X		X
575	NAS1149F0332P	. Washer	2					X		X
580	NAS1149FN816P	. Washer: Flat, #8" (0.016) Light	16					X		X
580	AN960-8L	. Washer (Superseded by NAS1149FN816P)	16					X		X
585	MS35338-43	. Lock Washer	1					X		X
585	AN935-10	. Lock Washer (Alternate)	1					X		X
590	MS35338-42	. Washer: Lock, 0.040" #8 Light	7					X		X
590	AN935-8	. Lock Washer (Superseded by MS35338-42)	7					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20. ENGINE FAN SHROUD ASSEMBLY
F-28F S/N 826 and 280FX S/N 2135 and Subsequent

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
595	MS35650-302	. Nut	1					X		X
595	AN345-10	. Nut (Superseded by MS35650-302)	1					X		X
600	MS35649-282	. Nut: Hex, 8-32 Unc-2b Light	7					X		X
600	AN340-8	. Nut (Superseded by MS35649-282)	7					X		X
610	280-126001-69	. Bracket, Clamp, Support	3					X		X
620	AN742-F6	. Clamp	1					X		X
630	4508-2	. Tape: Foam, 2" W (0.125" T) Black	82"					X		X

* Obtain from a Lycoming distributor.

** Effective: F-28F/280FX S/N 833/2170 and subsequent; Eligibility: F-28F/280FX S/N 826/2135 and subsequent.

◀ Effective: F-28F/280FX S/N S/N 833/2170 and subsequent; Eligibility: F-28F/280FX S/N 826/2135 and subsequent.

≡ See Appendix A for equivalent part number information; See Appendix B for acceptable substitution.

♦ G88 .057 36 50 Thermo-Chem firewall sheet is an acceptable alternative material.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 A. ENGINE FAN SHROUD ASSEMBLY
F28F S/N 825 and 280FX S/N 2134 and Previous

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—●	28-12676-9	. Shroud Assembly - Skytech Starter (Superseded by 28-12676-901)	1					X		X
—	28-12676-7	. Shroud Assembly - B&C or Lycoming Starter (Superseded by 28-12675-9)	1					X		X
10	28-12675-3	. . Fan Shroud Assembly	1					X		X
—	28-12610-3A	. . Shroud Fan Engine Cooling	1					X		X
20	280-126001-908	. . . Vane Assembly	1					X		X
—	NAS1068A08	 Nut Plate	1					X		X
—	MS20426AD3-3	 Rivet	2					X		X
30	28-12656-3	. . . Oil Cooler Duct Assembly	1					X		X
—	MS21078-3	. . . Nut Plate, 2-Lug, 10-32	7					X		X
—	NAJ1-02BC	. . . Nut Plate (Superseded by 21078-3)	7					X		X
—	MS21080-3	. . . Nut Plate	2					X		X
—	NAJ17-02BC	. . . Nut Plate (Superseded by MS21080-3)	2					X		X
—	MS20426AD3-4	. . . Rivet: Solid, 3/32" X 1/4"	18					X		X
—●●	28-12652-5	. . . Aft Wall Baffle Duct Assembly	1					X		X
—	28-12652-13	. . . Aft Wall Baffle Duct Assembly	1					X		X
—●●	28-12652-5	. . . Aft Wall Baffle Duct Assembly	1					X		X
—	28-12653-13	. . . Baffle Oil Cooling Duct	1					X		X
40	28-12149-1	. . . Stub, Fan Shroud	1					X		X
—40A	28-12149-3	. . . Stub, Fan Shroud	1					X		X
—	MS20426AD3-4	. . . Rivet	4					X		X
50	28-12655-5	. . Oil Cooler Duct Assembly (Used with 28-12676-9)	1					X		X
50	28-12655-3	. . Oil Cooler Duct Assembly (Used with 28-12676-7)	1					X		X
—	MS21078-3	. . . Nut Plate, 2-Lug, 10-32	3					X		X
—	NAJ1-02BC	. . . Nut Plate (Superseded by MS21078-3)	3					X		X
—	MS20426AD3-4	. . . Rivet: Solid, 3/32" X 1/4"	6					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 A. ENGINE FAN SHROUD ASSEMBLY
F28F S/N 825 and 280FX S/N 2134 and Previous

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	MS20426A3-4	... Rivet: Solid, 3/32" X 1/4"	4					X		X
—	28-12651-13	... Surface Lower Oil Cooler Duct	1					X		X
60	28-12662-1	.. Cover Oil Cooler Duct Assembly	1					X		X
60	28-12662-13	... Cover (Superseded by 28-12662-1)	1					X		X
—	AJW4-30	... Wing Fastener	2					X		X
—	GA4-250	... Retainer, Stud	2					X		X
70**	28-12688-5	.. Starter Shroud Assembly	1					X		X
—	MS20470A3-4	... Rivet, Solid, 3/32" X 0.250"	4					X		X
—	NAS1149FN316P	... Washer: Flat, #3 (0.016") Light	4					X		X
—	28-12688-29	... Curtain Air Seal Starter	1					X		X
—	G-89	... Fabric: Fire Curtain, 3/64" Thick (In Square Yards)	0.003					X		X
70	28-12688-3	.. Starter Shroud Assembly Lycoming Starters (Superseded by 28-12688-5)	1					X		X
—	NAS1149FN316P	... Washer: Flat, #3 (0.016") Light	4					X		X
—	28-12688-25	... Curtain Starter Shroud	1					X		X
70	28-12688-1	.. Starter Shroud Assembly (B&C Starters Only)	1					X		X
—	MS20470AD3-4	... Rivet, Solid, 3/32" X 0.250"	9					X		X
—	28-12688-13	... Strap - Starter Shroud	1					X		X
—	28-12688-15	... Air Seal Starter Shroud	1					X		X
—	28-12688-17	... Brace - Starter Shroud	1					X		X
—	28-12688-19	... Spacer Starter Shroud	1					X		X
80	28-12681-5	.. Oil Cooler Duct Assembly	1					X		X
90	28-12682-11	... Deflector Lt Side Lower Fan Shroud	1					X		X
100	28-12683-1	... Bracket Assembly Fan Shroud (Used with 28-12681-1, -5)	1					X		X
—	28-12683-11	... Bracket Fan Shroud	1					X		X
—	28-12683-13	... Bracket Shroud Lower Left Fan	1					X		X
—	28-12668-11	... Curtain Baffle Oil Cooler Duct	1					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 A. ENGINE FAN SHROUD ASSEMBLY
F28F S/N 825 and 280FX S/N 2134 and Previous

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
110	28-12666-3	. . Cover Assembly (Used with 28-12681-5)	1					X		X
—	AJW4-30	. . . Wing Fastener	2					X		X
—	GA4-250	. . . Retainer	2					X		X
120	28-12687-1	. . Baffle	1					X		X
—	NAS686A3K	. . . Nut Plate	5					X		X
—	NAJ-02BC	. . . Nut Plate (Superseded by NAS686A3K)	5					X		X
—	NAS1023D08K	. . . Nut Plate, 2-Lug, 8-32 (B/C) Al	3					X		X
—	NAJ1-82BC	. . . Nut Plate (Superseded by NAS1023D08K)	3					X		X
—	MS20426AD3-4	. . . Rivet: Solid, 3/32" X 1/4"	16					X		X
130	28-12659-15	. . Baffle Assembly (Used with 28-12676-7, -9)	1					X		X
—	MS21078-08K	. . . Nut Plate, 2-Lug, 8-32	1					X		X
—	NAJ17-82BC	. . . Nut Plate, 1-Lug, 8-32	1					X		X
—	MS20470AD3-3	. . . Rivet: Solid, 3/32" X 0.188"	2					X		X
140	28-12659-17	. . . Clip (Used with 28-12659-15)	1					X		X
140	28-12659-16	. . . Clip (Used with 28-12659-15 and superseded by 28-12659-17)	1					X		X
150	28-12611-5	. . Bracket Anchor (Used with 28-12676-7, -9)	1					X		X
160	28-12689-11	. . Fire Curtain Alternator (Used with 28-12676-7, -9 on S/N 793/2078 and subsequent).	1					X		X
170	28-12610-12	. . Baffle Fan Shroud LH	1					X		X
180	28-12610-13	. . Baffle Fan Shroud RH	1					X		X
190	28-12620-1	. Bracket Shroud Fan Up Support	1					X		X
—	MS21069-08	. . Plate Nut	1					X		X
—	MS20426AD3-4	. . Rivet, Solid, 3/32" X 3/16"	2					X		X
200	28-12647-1	. Vane & Splitter Assembly	1					X		X
—	MS20470AD4-4	. . Rivet: Solid, 1/8" X 0.250" Alum	12					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 A. ENGINE FAN SHROUD ASSEMBLY
F28F S/N 825 and 280FX S/N 2134 and Previous

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	28-12646-11	. . Upper Splitter	1					X		X
—	28-12646-13	. . Lower Splitter	1					X		X
—	28-12646-15	. . Clip Splitter	2					X		X
—	28-12646-17	. . Clip Splitter	2					X		X
—	280-126001-109	. . Vane Assembly	1					X		X
—	MS20426AD3-3	. . . Rivet, Solid, 3/32" X 3/16"	6					X		X
—	NAS686A08K	. . . Nut Plate	3					X		X
210	280-126001-9	. Vane Assembly	1					X		X
—	MS20470AD4-4	. . Rivet: Solid, 1/8" X 0.250" Alum	5					X		X
—	MS20470AD4-5	. . Rivet, Solid, 1/8" X 0.312" Alum	1					X		X
—	280-126001-15	. . Vane	1					X		X
—	280-126001-53	. . Clip Vane	1					X		X
—	280-126001-55	. . Clip Vane	1					X		X
220●●	28-126007-7	. Baffle Plate Assembly #1 Cylinder	1					X		X
220	28-126007-5	. Baffle, L/H Aft (Superseded by 28-126007-7)	1					X		X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	1					X		X
—	MS21069-06K	. . Nut Plate	2					X		X
—	MS20426A3-3.5	. . Rivet	4					X		X
—	NAS1097AD3-4	. . Rivet	2					X		X
230●●	28-12607-101	. Baffle Plate Assembly #2 Cylinder	1					X		X
230	28-12607-8	. Plate Baffle Assembly (Superseded by 28-126007-17)	1					X		X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	2					X		X
—	MS21069-06K	. . Nut Plate	2					X		X
—	MS20426AD3-3.5	. . Rivet	4					X		X
—	NAS1097AD3-4	. . Rivet	4					X		X
240●●	28-126007-17	. Baffle Plate #3 Cylinder	1					X		X
240	28-126007-3	. Plate Baffle (Superseded by 28- 126007-17)	1					X		X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	2					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 A. ENGINE FAN SHROUD ASSEMBLY
F28F S/N 825 and 280FX S/N 2134 and Previous

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	NAS1097AD3-4	. . Rivet	4					X		X
250●●	28-12607-13	. Baffle Plate #4 Cylinder	1					X		X
250	28-12607-6	. Plate Baffle Assembly (Superseded by 28-12607-13)	1					X		X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	2					X		X
—	NAS1097AD3-4	. . Rivet	4					X		X
260	28-12613-5	. Baffle Fan Shroud	1					X		X
270	28-12613-4	. Baffle Fan Shroud	1					X		X
280●●	28-12629-11	. Baffle Plate	1					X		X
280	28-12616-1	. Plate Baffle Assembly (Superseded by 28-1629-11)	1					X		X
—	82-19-120-16	. . Fastener Stud Recess	3					X		X
—	82-19-140-16	. . Stud, Oval-Head, 0.198" (0.285)	4					X		X
—	43-13-1-24	. . Ejector Spring	7					X		X
—	82-32-101-20	. . Retainer, Ring, Split #82 Stud	7					X		X
290●●	28-12628-11	. Baffle Plate	1					X		X
290	28-12614-1	. Baffle Plate Assembly (Superseded by 28-16628-11)	1					X		X
—	82-19-120-16	. . Fastener Stud Recess	3					X		X
—	82-19-140-16	. . Stud, Oval-Head, 0.198" (0.285)	5					X		X
—	43-13-1-24	. . Spring Ejector	8					X		X
—	82-32-101-20	. . Retainer, Ring, Split #82 Stud	8					X		X
291●●	8X5/8	. . Screw (Used with 280A and 290A)	15					X		X
291●●	MS51861-36	. . Screw (Used with 280A and 290A) (Alternate)	15					X		X
292●●≡	A01789-8Z-1D	. . Nutplate	15					X		X
300	28-12615-1	. Plate Baffle Assembly	1					X		X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	6					X		X
—	MS20426A3-4	. . Rivet, Solid, 3/32" X 1/4"	12					X		X
310	28-12609-5	. Baffle Plate Assembly	1					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 A. ENGINE FAN SHROUD ASSEMBLY
F28F S/N 825 and 280FX S/N 2134 and Previous

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
310	28-12609-3	. Baffle Plate Assembly (Replaced by 28-12609-5)	1					X		X
—	28-12609-11	. . Baffle Plate #4 Cylinder	1					X		X
—	28-12609-6	. . Baffle Plate #4 Cylinder (Replaced by 28-12609-11)	1					X		X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	1					X		X
—	MS21071-06	. . Nut Plate	1					X		X
—	MS21069-06	. . Nut Plate	1					X		X
—	NAS1097AD3-4	. . Rivet	2					X		X
—	280-127505-17	. . Stub Heat Duct	1					X		X
—	MS20470AD3-4	. . Rivet, Solid, 3/32" X 0.250"	4					X		X
—	NAS1097AD3-3	. . Rivet	4					X		X
320	28-12617-1	. Plate Baffle Assembly	1					X		X
—	28-12617-14	. . Seal Strip	1					X		X
—♦	G-89	. . . Fabric: Fire Curtain, 0.057" Thick (In square yards)	0.002					X		X
—	28-12617-13	. . Baffle	1					X		X
—	MS20470A3-3	. . Rivet, Solid, 3/32" X 0.188"	6					X		X
—	NAS1149FN316P	. . Washer: Flat, #3 (0.016") Light	6					X		X
—	AN960-3	. . Washer (Superseded by NAS 1149FN316P)	6					X		X
—	MS21069-06	. . Nut Plate	5					X		X
—	NAS1097AD3-3	. . Rivet, Solid, 3/32" X 3/16"	10					X		X
—	MS20426AD3-3	. . Rivet, Solid, 3/32" X 3/16" (Replaced by NAS1097AD3-3)	10					X		X
330	28-126008-3	. Plate Baffle Assembly	1					X		X
330	28-126008-1	. Plate Baffle Assembly (Superseded by 28-126008-3)	1					X		X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	1					X		X
—	MS21069-06	. . Nut Plate	3					X		X
—	NAS1097AD3-3	. . Rivet	2					X		X
—	NAS1097AD3-4	. . Rivet: Solid, 3/32" X 1/4"	10					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 A. ENGINE FAN SHROUD ASSEMBLY
F28F S/N 825 and 280FX S/N 2134 and Previous

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	28-12608-4	. . Tab Support	1					X		X
—	28-12621-1	. . Bracket Cover	1					X		X
—	28-181008-1	. . Ducting Stub	1					X		X
340	AN515-6-6	. Screw, Machine (RH), 6-32 X 0.375"	A/R					X		X
350	NAS1149FN632P	. Washer, Flat #6 Bolt Size	A/R					X		X
350	AN960-6	. Washer (Superseded by NAS1149FN632P)	A/R					X		X
360	MS35338-41	. Washer, Lock, #6 (0.031")	A/R					X		X
360	AN935-6	. Lock Washer (Superseded by MS35338-41)	A/R					X		X
370	MS35649-262	. Nut, Hex, 6-32 Light	A/R					X		X
370	AN340-632	. Nut (Superseded by MS35649- 262)	A/R					X		X
380	NP500-456-7	. Screw, 1/4-20 X 7/16"	3					X		X
380	NK500-416-7	. Screw (Superseded by NP500- 456-7)	3					X		X
390	NAS1149F0432P	. Washer: Flat, 1/4" (0.032") Light	3					X		X
390	AN960-416L	. Washer (Superseded by NAS1149F0432P)	3					X		X
400	AN502-10-8	. Screw	3					X		X
410	MS35333-39	. Lock Washer	3					X		X
410	AN936A10	. Lock Washer (Superseded by MS35333-39)	3					X		X
420*	65614	. Plug, Attaching	3					X		X
430	MS35206-244	. Screw, Machine (RH), 8-32 X 0.438"	5					X		X
430	AN515-8R7	. Screw (Superseded by MS35206- 244)	5					X		X
440	NAS1149FN816P	. Washer: Flat, #8" (0.016) Light	5					X		X
440	AN960-8L	. Washer (Superseded by NAS1149FN816P)	5					X		X
450	AN3-3A	. Bolt, Mach, 10-32 X 0.469"	A/R					X		X
460	NAS1149F0432P	. Washer, Flat, #10 (0.032") Light	A/R					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 A. ENGINE FAN SHROUD ASSEMBLY
F28F S/N 825 and 280FX S/N 2134 and Previous

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
460	AN960-10L	. Washer (Superseded by NAS1149F0332P)	A/R					X		X
470	AN3-4A	. Bolt: Machine, 10-32 X 0.531"	1					X		X
480	28-12619-1	. Strut Assembly	1					X		X
—	28-12619-4	. . Bracket End Lower	1					X		X
—	28-12619-5	. . Plate, End, Fan Shroud Strut	1					X		X
490	28-12686-11	. Strut	1					X		X
500	NAS6603-4	. Bolt	1					X		X
500	AN3-5A	. Bolt, Mach, 10-32 X 0.656" (Superseded by NAS6603-4)	1					X		X
510	NAS1149F0363P	. Washer, Flat, #10 (0.063")	2					X		X
510	AN960-10	. Washer (Superseded by NAS1149F0363P)	2					X		X
510	NAS1149F0363P	. Washer, Flat, #10 (0.063")	2					X		X
510	AN960-10	. Washer (Superseded by NAS1149F0363P)	2					X		X
520	MS21044N3	. Nut, Self-Locking	1					X		X
520	AN365-1032A	. Nut (Superseded by MS21044N3)	1					X		X
530	AN503-416-10	. Screw, Machine (Flh), 1/4-20 X 0.625"	6					X		X
530	AN503-416-28	. Screw, Machine (Flh), 1/4-20 X 1.750"	2					X		X
540	NAS1149F0432P	. Washer: Flat, 1/4" (0.032") Light	8					X		X
540	AN960-416L	. Washer (Superseded by NAS1149F0432P)	8					X		X
550	NAS43HT4-64	. Spacer	2					X		X
560	MS21919WCJ12	. Clamp, Loop, 3/4" Cushioned	3					X		X
565	AN526-1032R8	. Screw	1					X		X
570	MS35206-245	. Screw: Mach (Ph), 8-32 X 0.500"	8					X		X
570	AN515-8R8	. Screw (Superseded by MS35206- 245)	8					X		X
575	NAS1149F0332P	. Washer	2					X		X
580	NAS1149FN816P	. Washer: Flat, #8" (.016") Light	16					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 A. ENGINE FAN SHROUD ASSEMBLY
F28F S/N 825 and 280FX S/N 2134 and Previous

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
580	AN960-8L	. Washer (Superseded by NAS1149FN816P)	16					X		X
585	MS35338-43	. Lock Washer	1					X		X
585	AN935-10	. Lock Washer (Alternate)	1					X		X
590	MS35338-42	. Washer: Lock, 0.040" #8 Light	7					X		X
590	AN935-8	. Lock Washer (Superseded by MS35338-42)	7					X		X
600	MS35649-282	. Nut: Hex, 8-32 Unc-2b Light	8					X		X
600	AN340-8	. Nut (Superseded by MS35649-282)	8					X		X
610	280-126001-69	. Bracket, Clamp, Support	3					X		X
620	AN742-F6	. Clamp	1					X		X
630	4508-2	. Tape: Foam, 2"W (0.125" T) Black	82"					X		X

NOTE 1 Parts listed are for both 28-12676-7 and 28-12676 -9 assemblies unless otherwise noted.

* Obtain from a Lycoming distributor.

** Effectivity F-28F S/N 830 and subsequent. Effectivity 280FX S/N 2137 and subsequent. Retrofittable to F-28F S/N 509 and 280FX S/N 2001.

• Effectivity F-28F S/N 805 and subsequent. Effectivity 280FX S/N 2080 and subsequent.

•• Eligibility F-28F S/N 509-825 and 280FX S/N 2001-2134.

♦ G88 .057 36 50 Thermo-Chem firewall sheet is an acceptable alternative material.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 B. ENGINE FAN SHROUD ASSEMBLY

Early Models

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-12651-13	. . . Surface Lower Oil Cooler Duct	1					X		X
50‡	28-12655-1	. . Oil Cooler Duct Assembly (Was used with 28-12676-1, -3, -5) Superseded by 28-12655-3	1			X	X	X	X	X
–	MS21078-3	. . . Nut Plate, 2-Lug, 10-32	3			X	X	X	X	X
–	MS20426AD3-4	. . . Rivet: Solid 3/32" X 1/4"	6			X	X	X	X	X
–	MS20426A3-4	. . . Rivet: Solid 3/32" X 1/4"	4			X	X	X	X	X
–	28-12650-11	. . . Forward Wall Fan Shroud Assembly	1			X	X	X	X	X
–	28-12651-11	. . . Surface Lower Oil Cooler Duct	1			X	X	X	X	X
60	28-12662-13	. . . Cover Oil Cooler Duct (Used with 28-12655-3)	1			X	X	X	X	X
–	AJW4-30	. . . Wing Fastener	2			X	X	X	X	X
–	GA4-250	. . . Retainer, Stud	2			X	X	X	X	X
60	28-12662-11	. . . Cover (Used with 28-12655-1)	1			X	X	X	X	X
–	AJW4-30	. . . Wing Fastener	2			X	X	X	X	X
–	GA4-250	. . . Retainer, Stud	2			X	X	X	X	X
–	28-12650-17	. . . Forward Wall Fan Shroud Seal (Used With 28-12655-5)	1					X		X
–	G-89	 Fabric: Fire Curtain, 3/64" Thick (In Square Yards)	0.002					X		X
70	28-12674-1	. . Starter Shroud Assembly (Used with 28-12676-1, -3, -5)	1			X	X	X	X	X
–	28-12658-11	. . . Shroud Starter	1			X	X	X	X	X
–	28-12663-11	. . . Doubler Starter Shroud	1			X	X	X	X	X
–	28-12669-11	. . . Curtain Starter Shroud	1			X	X	X	X	X
–	G-89	 Fabric: Fire Curtain, 3/64" Thick (In square yards)	0.03			X	X	X	X	X
80	28-12681-3	. . Duct Assembly Oil Cooler Lower (Used With 28-12676-5)	1					X		X
–	MS20426AD3-3	. . . Rivet, Solid, 3/32" X 3/16"	2					X		X
–	MS20426AD3-4	. . . Rivet: Solid, 3/32" X 1/4"	13					X		X
–	MS20470AD3-4	. . . Rivet, Solid, 3/32" X 0.250"	10					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 B. ENGINE FAN SHROUD ASSEMBLY
Early Models

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	MS21078-3	. . . Nut Plate, 2-Lug, 10-32	4					X		X
—	MS21080-3	. . .Nut Plate	2					X		X
—	1219-4200-Z3Y	. . . Spring	2					X		X
—	28-12667-13	. . . Doubler- Oil Cooler Duct 28 Volt	1					X		X
—	28-12668-13	. . . Fire Curtain - Oil Cooler Duct 28 Volt	1					X		X
—	28-12682-13	. . . Deflector Fan Shroud 28 Volt	1					X		X
—	28-12683-3	. . . Bracket Assembly Fan Shroud 28 Volt	1					X		X
—	28-12684-11	. . . Angle Left Hand Lower Oil Cool Duct	1					X		X
—	28-12685-13	. . . Shroud Left Side	1					X		X
80	28-12681-1	. . Duct Assembly Oil Cooler Lower (Used with 28-12676-1,- 3)	1			X	X	X	X	X
—	MS20426AD3-4	. . . Rivet: Solid, 3/32" X 1/4"	15			X	X	X	X	X
—	MS20470AD3-4	. . . Rivet, Solid, 3/32" X 0.250"	13			X	X	X	X	X
—	MS21078-3	. . . Nut Plate, 2-Lug, 10-32	5			X	X	X	X	X
—	MS21080-3	. . . Nut Plate	2			X	X	X	X	X
—	1219-4200-Z3Y	. . . Spring	2			X	X	X	X	X
—	28-12666-1	. . . Cover Oil Cooler Duct Fan	1			X	X	X	X	X
—	28-12684-11	. . . Angle L/H Lower Oil Cool Duct	1			X	X	X	X	X
—	28-12685-11	. . . Fan Shroud Lt Side Lower	1			X	X	X	X	X
—	28-12667-11	. . . Doubler Oil Cooler Duct	1			X	X	X	X	X
—	28-12668-11	. . . Curtain Baffle Oil Cooler Duct	1			X	X	X	X	X
—◆	G-89	 Fabric: Fire Curtain, 0.057" Thick (In Square Yards)	0.04			X	X	X	X	X
90	28-12682-11	. . . Deflector Left Side Lower Fan Shroud	1			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 B. ENGINE FAN SHROUD ASSEMBLY

Early Models

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	MS20470AD4-4	. . Rivet:Solid,1/8"X 0.250" Alum	4			X	X			
—	280-126001-11	. . Vane Splitter	1			X	X			
—	280-126001-3	. . Splitter Assembly	1			X	X			
210	280-126001-9	. Vane Assembly	1			X	X	X	X	X
—	MS20470AD4-4	. . Rivet: Solid,1/8" X 0.250" Alum	5			X	X	X	X	X
—	MS20470AD4-5	. . Rivet, Solid, 1/8" X 0.312" Alum	1			X	X	X	X	X
—	280-126001-15	. . Vane	1			X	X	X	X	X
—	280-126001-53	. . Clip Vane	1			X	X	X	X	X
—	280-126001-55	. . Clip Vane	1			X	X	X	X	X
220	28-126007-7	. Baffle Plate Assembly #1 Cylinder	1			X	X	X	X	X
220	28-126007-5	. Baffle, L/H Aft (Superseded by 28-126007-7)	1			X	X	X	X	X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	1			X	X	X	X	X
—	MS21069-06K	. . Nut Plate	2			X	X	X	X	X
—	MS20426A3-3.5	. . Rivet	4			X	X	X	X	X
—	NAS1097AD3-4	. . Rivet	2					X		X
230	28-12607-101	. Baffle Plate Assembly #2 Cylinder	1			X	X	X	X	X
230	28-12607-8	. Plate Baffle Assembly (Superseded by 28-12607-101)	1			X	X	X	X	X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	2			X	X	X	X	X
—	MS21069-06K	. . Nut Plate	2			X	X	X	X	X
—	MS20426AD3-3.5	. . Rivet	4			X	X	X	X	X
—	NAS1097AD3-4	. . Rivet	4			X	X	X	X	X
240	28-126007-17	. Baffle Plate #3 Cylinder	1			X	X	X	X	X
240	28-126007-3	. Plate Baffle (Superseded by 28- 126007-17)	1			X	X	X	X	X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	2			X	X	X	X	X
—	NAS1097AD3-4	. . Rivet	4			X	X	X	X	X
250	28-12607-13	. Baffle Plate #4 Cylinder	1			X	X	X	X	X
250	28-12607-6	. Plate Baffle Assembly (Superseded by 28-12607-13)	1			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 B. ENGINE FAN SHROUD ASSEMBLY

Early Models

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	82-35-302-15	. . Receptacle, Spring, Leaf #82	2			X	X	X	X	X
–	NAS1097AD3-4	. . Rivet	4			X	X	X	X	X
260	28-12613-5	. Baffle Fan Shroud	1			X	X	X	X	X
270	28-12613-4	. Baffle Fan Shroud	1			X	X	X	X	X
280	28-12629-11	. Baffle Plate	1			X	X	X	X	X
280	28-12616-1	. Plate Baffle Assembly (Superseded by 28-12629-11)	1			X	X	X	X	X
–	82-19-120-16	. . Fastener Stud Recess	3			X	X	X	X	X
–	82-19-140–16	. . Stud, Oval-Head, 0.198" (0.285")	4			X	X	X	X	X
–	43-13-1-24	. . Ejector Spring	7			X	X	X	X	X
–	82-32-101-20	. . Retainer, Ring, Split #82 Stud	7			X	X	X	X	X
290	28-12628-11	. Baffle Plate	1			X	X	X	X	X
290	28-12614-1	. Baffle Plate Assembly (Superseded by 28-12628-11)	1			X	X	X	X	X
–	82-19-120-16	. . Fastener Stud Recess	3			X	X	X	X	X
–	82-19-140–16	. . Stud, Oval-Head, 0.198"(0.285")	5			X	X	X	X	X
–	43-13-1-24	. . Spring Ejector	8			X	X	X	X	X
–	82-32-101-20	. . Retainer, Ring, Split #82 Stud	8			X	X	X	X	X
291	8X5/8	. . Screw (Used with 280A and 290A)	15			X	X	X	X	X
291	MS51861-36	. . Screw (Used with 280A and 290A) (Alternate)	15			X	X	X	X	X
292≡	A01789-8Z-1D	. . Nutplate	15			X	X	X	X	X
300	28-12615-1	. Plate Baffle Assembly	1			X	X	X	X	X
–	82-35-302-15	. . Receptacle, Spring, Leaf #82	6			X	X	X	X	X
–	MS20426A3-4	. . Rivet, Solid, 3/32" X 1/4"	12			X	X	X	X	X
310	28-12609-5	. Baffle Plate Assembly	1			X	X	X	X	X
310	28-12609-3	. Baffle Plate (Replaced by 28- 12609-5)	1			X	X	X	X	X
–	82-35-302-15	. . Receptacle, Spring, Leaf #82	1			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 B. ENGINE FAN SHROUD ASSEMBLY
Early Models

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	MS21071-06	. . Nut Plate	1			X	X	X	X	X
—	MS21069-06	. . Nut Plate	1			X	X	X	X	X
—	NAS1097AD3-4	. . Rivet	2			X	X	X	X	X
—	280-127505-17	. . Stub Heat Duct	1			X	X	X	X	X
—	MS20470AD3-4	. . Rivet, Solid, 3/32" X 0.250"	4			X	X	X	X	X
—	NAS1097AD3-3	. . Rivet	4			X	X	X	X	X
320	28-12617-1	. Plate Baffle Assembly	1			X	X	X	X	X
—	28-12617-14	. . Seal Strip	1			X	X	X	X	X
→◆	G-89	. . . Fabric: Fire Curtain, 3/64" Thick (In square yards)	0.002			X	X	X	X	X
—	28-12617-13	. . Baffle	1			X	X	X	X	X
—	MS20470A3-3	. . Rivet, Solid, 3/32" X 0.188"	6			X	X	X	X	X
—	NAS1149FN316P	. . Washer: Flat, #3 (0.016") Light	6			X	X	X	X	X
—	AN960-3	. . Washer (Superseded by NAS 1149FN316P)	6			X	X	X	X	X
—	MS21069-06	. . Nut Plate	5			X	X	X	X	X
—	NAS1097AD3-3	. . Rivet. Solid, 3/32" X 3/16"	10			X	X	X	X	X
—	MS20426AD3-3	. . Rivet, Solid, 3/32" X 3/16" (Replaced by NAS1097AD3-3)	10			X	X	X	X	X
330	28-126008-3	. Plate Baffle Assembly	1			X	X	X	X	X
330	28-126008-1	. Plate Baffle Assembly (Superseded by 28-126008-3)	1			X	X	X	X	X
—	82-35-302-15	. . Receptacle, Spring, Leaf #82	1			X	X	X	X	X
—	MS21069-06	. . Nut Plate	3			X	X	X	X	X
—	NAS1097AD3-3	. . Rivet	2			X	X	X	X	X
—	NAS1097AD3-4	. . Rivet: Solid, 3/32" X 1/4"	10			X	X	X	X	X
—	28-12608-4	. . Tab Support	1			X	X	X	X	X
—	28-12621-1	. . Bracket Cover	1			X	X	X	X	X
—	28-181008-1	. . Ducting Stub	1			X	X	X	X	X
340	AN515-6-6	. Screw, Machine (RH), 6-32 X 0.375"	A/R			X	X	X	X	X
350	NAS1149FN632P	. Washer, Flat #6 Bolt Size	A/R			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 B. ENGINE FAN SHROUD ASSEMBLY

Early Models

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
350	AN960-6	. Washer (Superseded by NAS1149FN632P)	A/R			X	X	X	X	X
360	MS35338-41	. Washer, Lock, #6 (0.031")	A/R			X	X	X	X	X
360	AN935-6	. Lock Washer (Superseded by MS35338-41)	A/R			X	X	X	X	X
370	MS35649-262	. Nut, Hex, 6-32 Light	A/R			X	X	X	X	X
370	AN340-632	. Nut (Superseded by MS35649-262)	A/R			X	X	X	X	X
380	NP500-456-7	. Screw, 1/4-20 X 7/16"	3			X	X	X	X	X
380	NK500-416-7	. Screw (Superseded by NP500-456-7)	3			X	X	X	X	X
390	NAS1149F0432P	. Washer: Flat, 1/4" (0.032") Light	3			X	X	X	X	X
390	AN960-416L	. Washer (Superseded by NAS1149F0432P)	3			X	X	X	X	X
400	AN502-10-8	. Screw	3			X	X	X	X	X
410	MS35333-39	. Lock Washer	3			X	X	X	X	X
410	AN936A10	. Lock Washer (Superseded by MS35333-39)	3			X	X	X	X	X
420*	65614	. Plug, Attaching	3			X	X	X	X	X
430	MS35206-244	. Screw, Machine (RH), 8-32 X 0.438"	5			X	X	X	X	X
430	AN515-8R7	. Screw (Superseded by MS35206-244)	5			X	X	X	X	X
440	NAS1149FN816P	. Washer: Flat, #8" (0.016") Light	5			X	X	X	X	X
440	AN960-8L	. Washer (Superseded by NAS1149FN816P)	5			X	X	X	X	X
450	AN3-3A	. Bolt, Mach, 10-32 X 0.469"	A/R			X	X	X	X	X
460	NAS1149F0432P	. Washer, Flat, #10 (0.032") Light	A/R			X	X	X	X	X
460	AN960-10L	. Washer (Superseded by NAS1149F0332P)	A/R			X	X	X	X	X
470	AN3-4A	. Bolt: Machine, 10-32 X 0.531"	1			X	X	X	X	X
480	28-12619-1	. Strut Assembly	1			X	X	X	X	X
—	28-12619-4	. . Bracket End Lower	1			X	X	X	X	X
—	28-12619-5	. . Plate, End, Fan Shroud Strut	1			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 B. ENGINE FAN SHROUD ASSEMBLY

Early Models

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
490	28-12686-11	. Strut	1			X	X	X	X	X
500	NAS6603-4	. Bolt	1			X	X	X	X	X
500	AN3-5A	. Bolt, Mach, 10-32 X 0.656" (Superseded by NAS6603-4)	1			X	X	X	X	X
510	NAS1149F0363P	. Washer, Flat, #10 (0.063")	2			X	X	X	X	X
510	AN960-10	. Washer (Superseded by NAS1149F0363P)	2			X	X	X	X	X
520	MS21044N3	. Nut, Self-Locking	1			X	X	X	X	X
520	AN365-1032A	. Nut (Superseded by MS21044N3)	1			X	X	X	X	X
530	AN503-416-10	. Screw, Machine (Flh), 1/4-20 X 0.625"	6			X	X	X	X	X
530	AN503-416-28	. Screw, Machine (Flh), 1/4-20 X 1.750"	2			X	X	X	X	X
530	AN503-416-10	. Screw, Machine (Flh), 1/4-20 X 0.625" (No Auxiliary Cooler)	8			X	X			
540	NAS1149F0432P	. Washer: Flat, 1/4" (0.032") Light	8			X	X	X	X	X
540	AN960-416L	. Washer (Superseded by NAS1149F0432P)	8			X	X	X	X	X
550	NAS43HT4-64	. Spacer	2			X	X	X	X	X
560	MS21919WCJ12	. Clamp, Loop, 3/4" Cushioned	3			X	X	X	X	X
565	AN526-1032R8	. Screw	1			X	X	X	X	X
570	MS35206-245	. Screw: Mach (Ph), 8-32 X 0.500"	9			X	X	X	X	X
570	AN515-8R8	. Screw (Superseded by MS35206-245)	9			X	X	X	X	X
575	NAS1149F0332P	. Washer	2			X	X	X	X	X
580	NAS1149FN816P	. Washer: Flat, #8" (0.016") Light	16			X	X	X	X	X
580	AN960-8L	. Washer (Superseded by NAS1149FN816P)	16			X	X	X	X	X
585	MS35338-43	. Lock Washer	1			X	X	X	X	X
585	AN935-10	. Lock Washer (Alternate)	1			X	X	X	X	X
590	MS35338-42	. Washer: Lock, 0.040" #8 Light	7			X	X	X	X	X
590	AN935-8	. Lock Washer (Superseded by MS35338-42)	7			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-20 B. ENGINE FAN SHROUD ASSEMBLY
Early Models

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
595	MS35650-302	. Nut	1			X	X	X	X	X
595	AN345-10	. Nut (Superseded by MS35650-302)	1			X	X	X	X	X
600	MS35649-282	. Nut: Hex, 8-32 Unc-2b Light	7			X	X	X	X	X
600	AN340-8	. Nut (Superseded by MS35649-282)	7			X	X	X	X	X
610	280-126001-69	. Bracket, Clamp, Support	3			X	X	X	X	X
620	AN742-F6	. Clamp	1			X	X	X	X	X
630	4508-2	. Tape: Foam, 2" W (0.125" T) Black	82"			X	X	X	X	X

NOTE 1 Parts listed are for 28-12676-1, 28-12676-3 and 28-12676 -5 assemblies unless otherwise noted.

* Obtain from a Lycoming distributor.

‡ Effectivity F28 S/N 766 - 775 and subsequent. Effectivity 280 S/N 2049 – 2057, and 2059 and subsequent. Retrofittable to F28F S/N 509 and 280FX S/N 2001.

♦ G88 .057 36 50 Thermo-Chem firewall sheet is an acceptable alternative material.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

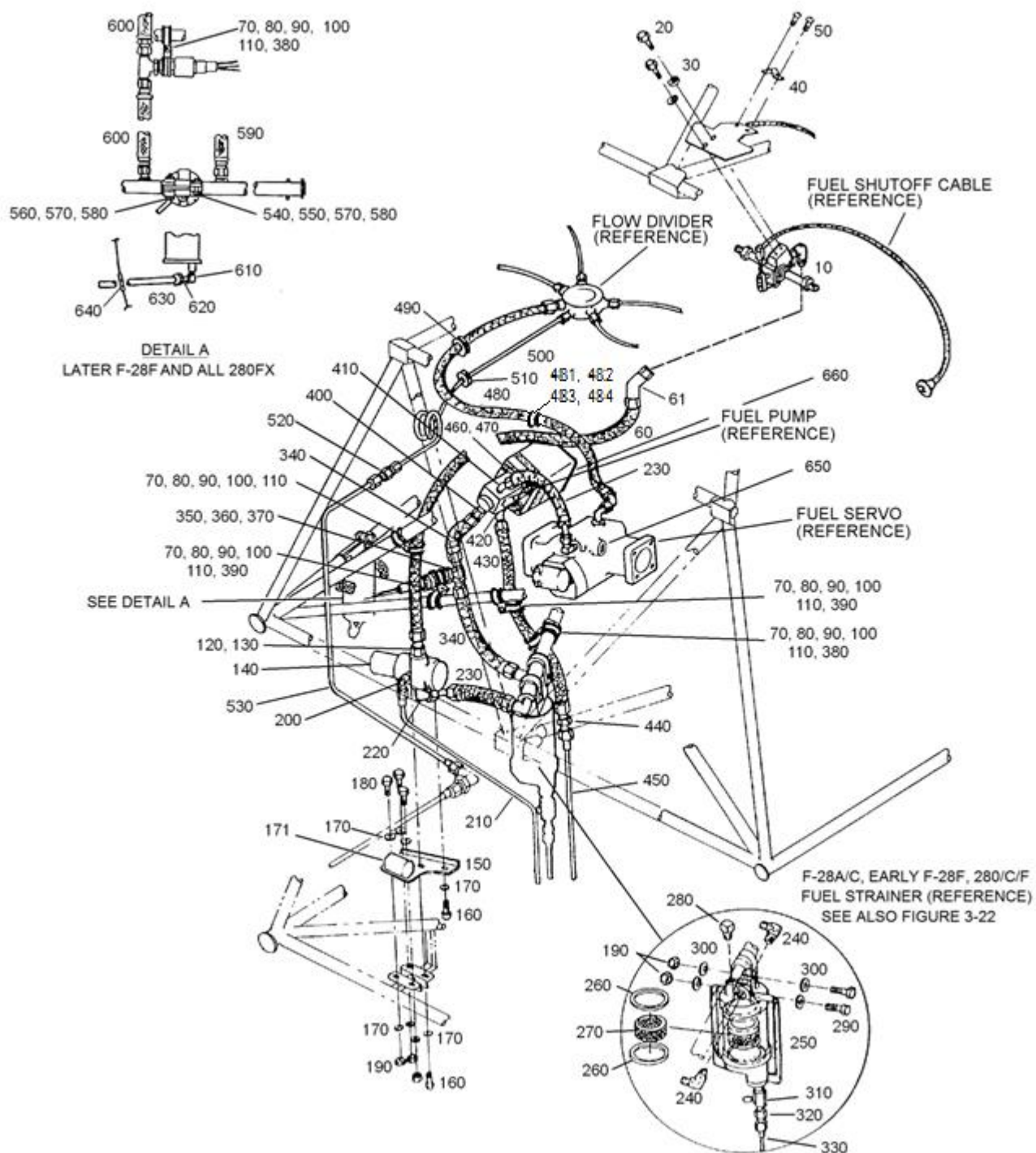


FIGURE 3-23. ENGINE FUEL SYSTEM (C, F MODELS)

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-23. ENGINE FUEL SYSTEM (C, F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
10	280-124001-1	. Fuel Shutoff Valve Assembly (See Fig. 3-25 for breakdown)	1			X	X	X	X	X
20	AN3-4A	. Bolt	2			X	X	X	X	X
30	AN960-10	. Washer	2			X	X	X	X	X
40	28-12400-23	. Bracket	1			X	X	X	X	X
50	AN525-832R8	. Screw	2			X	X	X	X	X
60	28-12464-3	. Fuel Line Assembly	1			X	X	X	X	X
—	AN815-6	. . Union	1			X	X	X	X	X
—	28-124003-19	. . Hose Assembly	1			X	X	X	X	X
61	28-124002-3	. . Line Assembly	1			X	X	X	X	X
70*	MS21919WCJ12	. Clamp	8			X	X	X	X	X
80	MS35206-246	. Screw	5			X	X	X	X	X
80	AN515-8R10	. Screw (Superseded by MS35206-246)	5			X	X	X	X	X
90	NAS1149FN816P	. Washer	5			X	X	X	X	X
90	AN960-8L	. Washer (Superseded by NAS1149FN816P)	5			X	X	X	X	X
100▼	MS35338-42	. Lock Washer	5			X	X	X	X	X
100	AN935-8	. Lock Washer (Superseded by MS35338-42)	5			X	X	X	X	X
110	MS35649-282	. Nut	5			X	X	X	X	X
110	AN340-8	. Nut (Superseded by MS35649-282)	5			X	X	X	X	X
120●	MS51525B6-8Z	. Adapter	1			X	X	X	X	X
120	6-8 F5OX-S	. Adapter (Alternate)	1			X	X	X	X	X
130◆	MS28778-12	. O-Ring	1			X	X	X	X	X
140	A-10019-D	. Boost Pump, 12 VDC	1			X	X	X	X	X
140	A-10019-E	. Boost Pump, 24 VDC	1			X	X	X	X	X
150	28-124006-11	. Bracket, Boost Pump	1			X	X	X	X	X
160	NP500-465-7	. Screw	2			X	X	X	X	X
160	AN500-416-7	. Screw (Superseded by NP500-465-7)	2			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-23. ENGINE FUEL SYSTEM (C, F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
170	AN960-416L	. Washer	8			X	X	X	X	X
171	48P6	. Filter, RFI	1			X	X	X	X	X
180	AN4-3A	. Bolt	3			X	X	X	X	X
190	MS21083N4	. Nut	7			X	X	X	X	X
190	AN364-428A	. Nut (Superseded by MS21083N4)	7			X	X	X	X	X
200●	MS20822-4	. Elbow	1			X	X	X	X	X
210	28-123018-1	. Line Assembly	1			X	X	X	X	X
220	6-8 C5OX-S	. Elbow	1			X	X	X	X	X
220	849-FSO-06-08	. Adapter (Replaced by 6-8 C5OX-S)	1			X	X	X	X	X
230	28-12462-1	. Hose Assembly	2			X	X	X	X	X
240●	MS20822-6-6	. . Elbow	2			X	X	X	X	X
250	G199-105-4	. . Fuel Strainer Assembly	1			X	X	X	X	X
260	2212A	. . Gasket	2			X	X	X	X	X
270	33-199-916	. . Filter	1			X	X	X	X	X
—	33-199-36	. . Spring Clip	1			X	X	X	X	X
280	MS20913-1	. Plug	1			X	X	X	X	X
290●	AN4-13A	. Bolt	2			X	X	X	X	X
300	NAS1149F0463P	. Washer	4			X	X	X	X	X
300	AN960-416	. Washer (Superseded by NAS1149F0463P)	4			X	X	X	X	X
310	CAV-110R	. Drain Valve	1			X	X	X	X	X
320	AN816-4D	. Fitting	1			X	X	X	X	X
330	28-12400-910	. Drain Line Assembly	1			X	X	X	X	X
340	28-12461-1	. Hose Assembly	2			X	X	X	X	X
350●	MS51529B6S	. Tee	1			X	X	X	X	X
360	MS28778-6	. O-Ring	1			X	X	X	X	X
370	8190042	. Fuel Pressure Switch	1			X	X	X	X	X
380	MS21919WCJ14	. Clamp	1			X	X	X	X	X
380	MS21919WCJ16	. Clamp (Replaced by MS21919WCJ14)	2			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-23. ENGINE FUEL SYSTEM (C, F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
390	MS21919WCJ10	. Clamp	2			X	X	X	X	X
400●	AN816-6	. Adapter	1			X	X	X	X	X
410	MS20823-6	. Elbow	1			X	X	X	X	X
420●	MS20823-4	. Elbow	1			X	X	X	X	X
430	28-124003-13	. Hose Assembly	1			X	X	X	X	X
440●	AN815-4	. Union	1			X	X	X	X	X
450	28-12146-1	. Line Assembly	1			X	X	X	X	X
460	AN75A41	. Bolt	4			X	X	X	X	X
470	AN960-516	. Washer	4			X	X	X	X	X
470	AN960-516	. Washer	4			X	X	X	X	X
480†	LW-12878-4S260	. Hose Assembly	1			X	X	X	X	X
480	28-12463-1	. Hose Assembly (Superseded by LW-12878-4S260)	1			X	X	X	X	X
481	MS21919WCJ10	. Clamp	1			X	X	X	X	X
482	MS35206-245	. Screw	1			X	X	X	X	X
483	NAS1149FN816P	. Washer	1			X	X	X	X	X
484Δ●	28-124005-1	. Clip Assembly	1			X	X	X	X	X
490	AN931-12-20	. Grommet	1			X	X	X	X	X
500‡	28-181001-3	. Fuel Pressure Line	1					X		X
500	28-181001-11	. Fuel Pressure Line Assembly (Superseded by 28-181001-3)	1			X	X	X	X	X
510	AN931-2-9	. . Grommet	1			X	X	X	X	X
520	AN919-1S	. Reducer	1			X	X	X	X	X
530	28-181002-1	. Fuel Pressure Line Assembly	1			X	X	X	X	X
540**	28-12480-1	. Fuel Strainer Clamp	1					X		X
550**	NAS6603-12	. Bolt	1					X		X
550**	AN3-11A	. Bolt (Superseded by NAS6603- 12)	1					X		X
560**●	AN3-14A	. Bolt	1					X		X
570**	NAS1149F0332P	. Washer	4					X		X
570**	AN960-10L	. Washer (Superseded by NAS1149F0332P)	4					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-23. ENGINE FUEL SYSTEM (C, F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
580**	MS21044N3	. Nut	2					X		X
580**	AN365-1032A	. Nut (Superseded by MS21044N3)	2					X		X
—	MS20995C32	. Safety Wire	A/R					X		X
590**	28-12462-3	. Hose Assembly	1					X		X
600**	28-12461-3	. Hose Assembly	2					X		X
610**●	AN914-1D	. Elbow	1					X		X
620**●	CAV-110RV	. Drain Valve (Preferred)	1					X		X
620**●	CAV-110R	. Drain Valve (Acceptable Alternate)	1					X		X
620**●	CAV-110H-U	. Drain Valve (Obsolete)	1					X		X
—	PLT2S-CO	. Cable Tie	1					X		X
630**	28-12133-11	. Hose	1					X		X
640**	CGP-2	. Grommet Strip	A/R					X		X
640**	GS-3	. Grommet Strip (Obsolete)	A/R					X		X
650	951789	. O-ring, Finger Screen Plug	1					X		X
660	02A21376	. Elbow Fitting, Restricted (Engine Driven Fuel Pump)	1					X		X
—	MS28034-1	. Temperature Sensor	1					X		X

* Quantity is five (5) with relocated fuel strainer assembly.

** Used on F-28F, S/N 746 and subsequent; 280FX, S/N 2012 and subsequent. Retrofittable to earlier serial number aircraft.

† Order from your Lycoming Distributor.

‡ Effectivity F28F S/N 832 – subsequent and 280FX S/N 2142 – subsequent. Retrofittable to F28F S/N 509 – subsequent and 280FX S/N 2001 – subsequent.

◆ An O-Ring is supplied when using P/N 6-8 F5OX-S.

△ The clip assembly installs to the magneto attachment stud.

▼ Apply VC-3 Threadmate.

● Apply 83319 Torque Seal, White.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

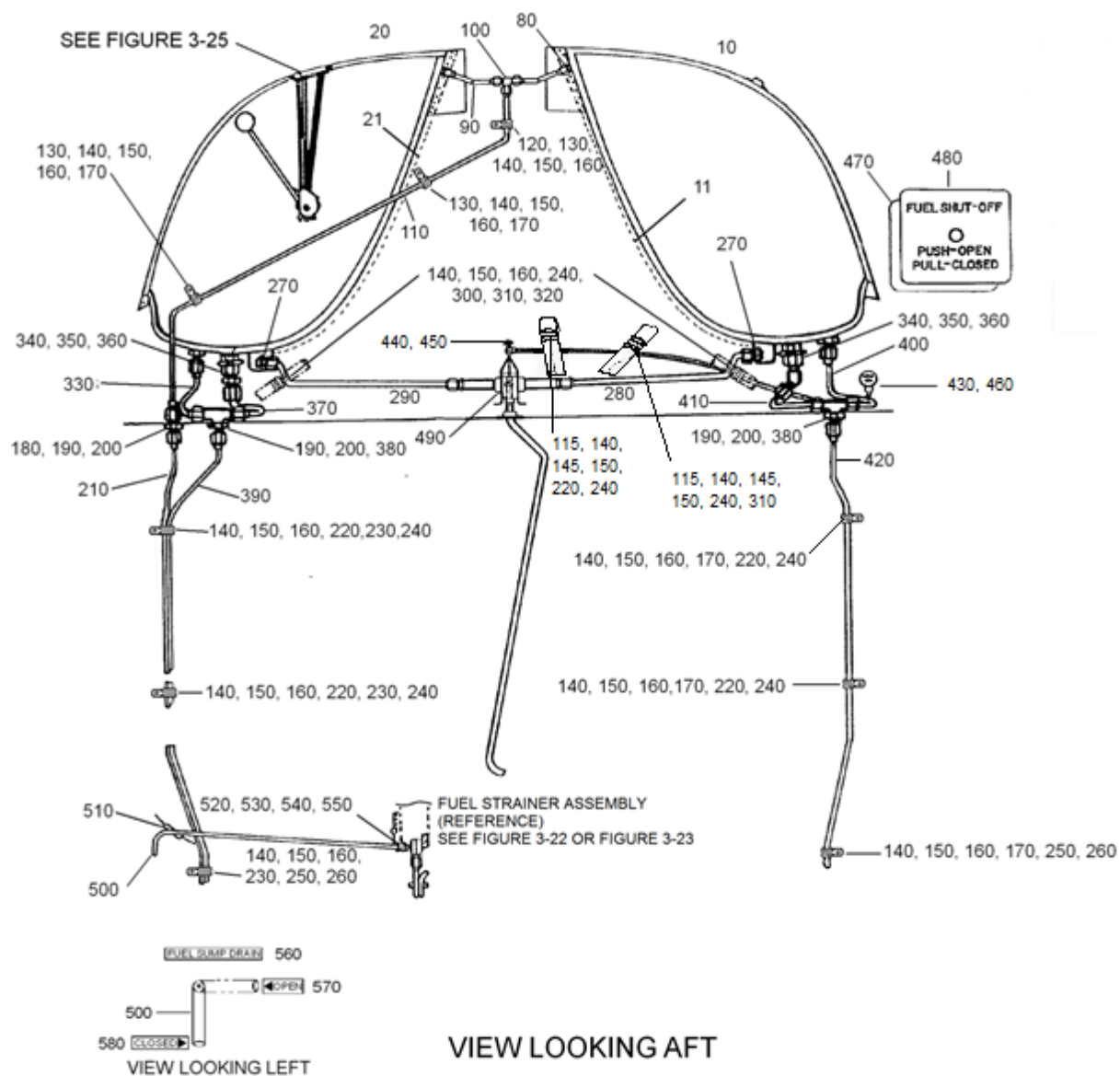


FIGURE 3-24. MAIN FUEL SYSTEM

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-24. MAIN FUEL SYSTEM

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
350**	AN816-4D	. Adapter (Right Side)	1	X	X	X	X			
350	AN822-4D	. Elbow	2	X	X	X	X	X	X	X
360	AN911-1D	. Nipple	2	X	X	X	X	X	X	X
360	AN911-4D	. Nipple (Superseded by AN911-1D)	2	X	X	X	X	X	X	X
370	28-12459-1	. Drain Line, Right	1	X	X	X	X	X	X	X
370**	28-12451-1	. Drain Line (Obsolete)	1	X	X	X	X			
380	AN834-4	. Tee	2	X	X	X	X	X	X	X
380	AN834-4D	. Tee (Alternate)	2	X	X	X	X	X	X	X
390	28-12441-3	. Fuel Tank RH Drain Line Assembly	1	X	X	X	X	X	X	X
–	MS35489-14	. Grommet	1	X	X	X	X	X	X	X
400**	28-12436-1	. Drain Line (Obsolete)	1	X	X	X	X			
400	28-12456-1	. Drain Line, Scupper Left	1	X	X	X	X	X	X	X
410**	28-12436-1	. Drain Line (Obsolete)	1	X	X	X	X			
410	28-12457-1	. Drain Line, Left	1	X	X	X	X	X	X	X
420	28-12437-3	. Fuel Tank LH Drain Line Assembly	1	X	X	X	X	X	X	X
–	MS35489-10	. Grommet	1	X	X	X	X	X	X	X
430	64-632-74	. Fuel Shutoff Cable	1	X	X	X	X	X	X	X
–◆	MS21919WDG3	. Clamp	4	X	X	X	X	X	X	X
–◆	MS21919WDG12	. Clamp	4	X	X	X	X	X	X	X
–◆	MS35206-245	. Screw	4	X	X	X	X	X	X	X
–◆	NAS1149FN816P	. Washer	8	X	X	X	X	X	X	X
–◆	MS35338-42	. Lock Washer	4	X	X	X	X	X	X	X
–◆	MS35649-282	. Nut	4	X	X	X	X	X	X	X
440	ECD093-11	. Stop Nut	1	X	X	X	X	X	X	X
450	1/8X8-32	. Set Screw	1	X	X	X	X	X	X	X
460	AN316-12R	. Nut	1	X	X	X	X	X	X	X
460	AN316-12	. Nut (Superseded by AN316-12R)	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-24. MAIN FUEL SYSTEM

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
470	28-12416-4	. Plate	1	X	X	X	X	X	X	X
480	28-12416-3	. Placard Fuel Shutoff	1	X	X	X	X	X	X	X
490	280-124001-1	. Fuel Shutoff Valve Assembly (See Fig. 3-26 for breakdown)	1	X	X	X	X	X	X	X
500†	28-12418-1	. Control Handle, Drain	1	X	X	X	X	X	X	X
510†	AN931-4-16	. Grommet	1	X	X	X	X	X	X	X
520†	28-12419-1	. Sleeve	1	X	X	X	X	X	X	X
530†	MS24665-153	. Cotter Pin	1	X	X	X	X	X	X	X
530†	AN381-2-12	. Cotter Pin (Superseded by MS24665-153)	1	X	X	X	X	X	X	X
540†	NAS1149F0332P	. Washer	1	X	X	X	X	X	X	X
540†	AN960-10L	. Washer (Superseded by NAS1149F0332P)	1	X	X	X	X	X	X	X
550†	62	. Cowling Lock Pin	1	X	X	X	X	X	X	X
560†	28-12420-15	. Placard, Fuel Sump Drain	1	X	X	X	X	X	X	X
570†	28-12420-13	. Placard, Open Fuel	1	X	X	X	X	X	X	X
580†	28-12420-11	. Placard, Closed Fuel	1	X	X	X	X	X	X	X
590	28-12450-11	. Placard Red (Obsolete)	2	X						
590	28-12450-13	. Placard White (Obsolete)	2	X						
600	28-12433-1	. Placard (Red), 20 Gallon	2	X	X	X	X	X	X	X
600	28-12433-2	. Placard (White), Fuel Cap	2	X	X	X	X	X	X	X
610‡	28-12424-1	. Placard, Sight Gauge	2	X	X	X	X	X	X	
620‡	28-12425-1	. Placard, Fuel Tank Capacity	2	X	X	X	X	X	X	
630	28-12478-11	. Stick: Fuel Quantity	1	X	X	X	X	X	X	X

* Used with the PlusNuts in the aft cowl ring.

** Used with valve P/N K-9000S-1A.

† Used on F-28F S/N 746 and prior and 280FX S/N 2012 and prior.

‡ Used with 20 gal. tanks. Sight window no longer manufactured after April 1984.

Δ This location is for R.H. pilot command only; remove one piece of hardware.

◆ Secures fuel shutoff cable to pylon.

◆◆ Includes Item 340.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-28. EXHAUST SYSTEM INSTALLATION (C, F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	28-12545-3	Exhaust System Assembly	REF					X	X	X
—	037360-004	. Exhaust System (Replaced by 28-12545-3)	1			X	X	X	X	X
10	28-12550-109	. . Exhaust Weldment, Riser #2 & #4	1					X		X
10	EL-037360-107	. . Exhaust Riser #2 (Replaced by 28-12550-109)	1			X	X	X	X	X
20	28-12550-5	. . Exhaust Riser #4	1					X		X
20	EL-037360-202	. . Exhaust Riser #4 (Replaced by 28-12550-5)	1			X	X	X	X	X
30▲	28-12546-11	. . Clamp	2					X		X
30	EL-099005-401	. . Clamp Half (Replaced by 28-12546-11)	2			X	X	X	X	X
30	EL-037360-401	. . Clamp Half (Superseded by EL-099005-401)	2			X	X	X	X	X
40	AN3-4A	. . Bolt	4			X	X	X	X	X
40	AN3C4A	. . Bolt (Replaced by AN3-4A)	4			X	X	X	X	X
—	NAS1149F0363P	. . Washer	8			X	X	X	X	X
—	AN960-10	. . Washer (Alternate)	8			X	X	X	X	X
50	MS21042-3	. . Nut	4			X	X	X	X	X
50	AN365-1032C	. . Nut (Superseded by MS21042-3)	4			X	X	X	X	X
60	28-12550-113	. . Shroud Assembly	1					X		X
60	EL-037360-113	. . Shroud Assembly (Replaced by 28-12550-113)	1			X	X	X	X	X
—	C6352-10Z-1	. . . Tinnerman Nut	6			X	X	X	X	X
—	C-6352-10Z	. . . Tinnerman Nut (Replaced by C6352-10Z-1)	6			X	X	X	X	X
—	MS51861-45C	. . . Screw	6			X	X	X	X	X
—	MS51861-35	. . . Screw (Replaced by MS51861-45C)	6			X	X	X	X	X
70	EL-037360-110	. . Collector, Left Side	1			X	X			
70	28-12550-115	. . Exhaust Weldment, Riser #1 & #3	1					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-28. EXHAUST SYSTEM INSTALLATION (C, F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
70	EL-037360-124	. . Collector Assembly (Replaced by 28-12550-115)	1					X	X	X
70	EL-037360-111	. . Collector, Left Side (Obsolete)	1					X	X	X
80	28-12550-3	. . Exhaust Riser #1	1					X		X
80	EL-037360-206	. . Exhaust Riser #1 (Replaced by 28-12550-3)	1			X	X	X	X	X
90▲	28-12546-11	. . Clamp	2					X		X
90	EL-099005-401	. . Clamp Half (Replaced by 28-12546-11)	2			X	X	X	X	X
90	EL-037360-401	. . Clamp Half (Superseded by EL-099005-401)	2			X	X			
100	AN3-4A	. . Bolt	4			X	X	X	X	X
100	AN3C4A	. . Bolt (Replaced by AN3-4A)	4			X	X	X	X	X
110	MS21042-3	. . Nut	4			X	X			
110	AN365-1032C	. . Nut (Superseded by MS21042-3)	4			X	X			
110	MS21042-3	. . Nut	4					X	X	X
110	AN365-1032C	. . Nut (Superseded by MS21042-3)	4					X	X	X
120	28-12550-101	. . Turbo Outlet Weldment	1					X		X
120	EL-037360-112	. . Turbo Inlet (Replaced by 28-12550-101)	1			X	X	X	X	X
130	EL-037360-116	. . Tail Pipe Assembly	1			X	X			
130	28-12561-1	. . Exhaust Tail Pipe Assembly	1					X		X
130	EL-037360-123	. . Tail Pipe Assembly (Replaced by 28-12561-1)	1					X	X	X
130	28-12577-1	. Muffler Assembly (Optional)	1					X	X	X
130	ENX-0001	. Muffler Assembly (Optional) Superseded by 28-12577-1	1					X	X	X
140*	77611	. Gasket Exhaust Flange	4			X	X	X	X	X
141*	LW-16567	. Gasket, Thin	A/R			X	X	X	X	X
150*	STD-35	. Washer	8			X	X	X	X	X
160/170*	STD-2233	. Lock Nut	8			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-28. EXHAUST SYSTEM INSTALLATION (C, F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
160*	STD-475	. Lock Washer (#160 and #170 replaced by STD-2233 Locknut)	8			X	X	X	X	X
170*	STD-1410	. Nut (#160 and #170 replaced by STD-2233 Locknut)	8			X	X	X	X	X
180	28-125017-1	. . Orifice Bypass Tube Assembly	1			X	X			
—	28-125000-11	. . Tube, Bypass	1			X	X			
—	28-125016-11	. . Orifice	1			X	X			
190	28-12552-3	. Waste Gate Assembly, With Alignment Pins	1					X	X	X
190	28-12552-5	. Waste Gate Assembly, Without Alignment Pins (Superseded by 28-12552-3)	1					X	X	X
220	AN502-10-14	. Screw (Superseded by NAS428-3A10)	2					X	X	X
230	AN315-3R	. Nut	4					X	X	X
231A†	28-12554-103	. Linkage Assembly-Wastegate	1					X	X	X
240	28-12555-7	. . Sleeve Assembly	1					X	X	X
250	K3N	. . Plunger: Ball, 1/4-20 Stubby	1					X	X	X
260	28-12560-1	. . Nut	1					X	X	X
270●	28-12551-21	. . Rod Linkage Wastegate, Long with .250" Diameter Rod	1					X	X	X
280	AN315-3R	. . Nut, Hex, 10-32	1					X	X	X
290	HFVV3M	. . Bearing, Rod-End, 3/16" RH	1					X	X	X
231B‡	28-12554-101	. Linkage Assembly Wastegate (Alternate to 28-12554-103)	1					X	X	X
240	28-12555-7	. . Sleeve Assembly	1					X	X	X
250	K3N	. . Plunger: Ball, 1/4-20 Stubby	1					X	X	X
260	28-12560-1	. . Nut	1					X	X	X
270●	28-12551-19	. . Rod Linkage Wastegate, Short with .250" Diameter Rod	1					X	X	X
280	AN315-3R	. . Nut, Hex, 10-32	1					X	X	X
290	HFVV3M	. . Bearing, Rod-End, 3/16" RH	1					X	X	X
231C	28-12554-9	. Linkage Assembly-Wastegate (Superseded by 28-12554-7)	1					X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-28. EXHAUST SYSTEM INSTALLATION (C, F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
240	28-12555-7	. . Sleeve Assembly	1					X	X	X
250	K3N	. . Plunger: Ball, 1/4-20 Stubby	1					X	X	X
260	28-12560-1	. . Nut	1					X	X	X
270●	28-12551-21	. . Rod Linkage, Long with .250 Diameter Rod	1					X	X	X
270●	28-12551-17	. . Rod Linkage, Short, with .250 Diameter Rod (Superseded by 28-12551-21)	1					X	X	X
280	AN315-3R	. . Nut, Hex, 10-32	1					X	X	X
290	HFVV3M	. . Bearing, Rod-End, 3/16" RH	1					X	X	X
231D	28-12554-7	. Linkage Assembly Wastegate (Superseded by 28-12554-101)	1					X	X	X
240	28-12555-7	. . Sleeve Assembly – Fits .250 Diameter Rod	1					X	X	X
240A**	28-12555-1	. . Sleeve Assembly – Fits .290 Diameter Rod	1					X	X	
250	K3N	. . Plunger: Ball, 1/4-20 Stubby	1					X	X	X
260	28-12560-1	. . Nut	1					X	X	X
270●	28-12551-15	. . Rod Linkage Wastegate, Long with 0.250" Diameter Rod (Superseded by 28-12551-19)	1					X	X	X
270A**●	28-12551-13	. . Rod Linkage Wastegate, 0.290" Diameter Rod (Used with 28- 12555-1 Tube Assembly)	1					X	X	
280	AN315-3R	. . Nut, Hex, 10-32	1					X	X	X
290	HFVV3M	. . Bearing, Rod-End, 3/16" RH	1					X	X	X
300	MS20392-2C11	. Clevis Pin	1					X	X	X
305	MS24665-153	. Cotter Pin	1					X	X	X
300	AN393-11	. Clevis Pin (Superseded by MS20392-2C11)	1					X	X	X
310	AN960-10L	. Washer	1					X	X	X
320	MS24665-153	. Cotter Pin	1					X	X	X
320	MS24665-300	. Cotter Pin (Replaced by MS24665-153)	1					X	X	X
320	AN381-2-8	. Cotter Pin (Replaced by MS24665-300)	1					X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-28. EXHAUST SYSTEM INSTALLATION (C, F MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
330	AN3-11	. Bolt	1					X	X	X
—	MS20995C32	. Safety Wire	A/R					X	X	X
340	NAS1149F0363P	. Washer	2					X	X	X
350	F12NE4753-02	. Nut	1					X	X	X
360	NAS73-3E002	. Bushing	2					X	X	X
370	28-12570-3	. Bellcrank	1					X	X	X
375	MS246665-90	. Cotter Pin	1					X	X	X
380	AN310-5	. Nut	1					X	X	X

- ▲ Acceptable alternate AWI P/N A0750161-25.
- * Obtain from Lycoming distributor.
- ** Used on helicopters manufactured on or before 1985.
- ‡ Used on helicopters manufactured after 1985.
- See Figure 3-28 View B to determine the correct part number.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 4-1. MAIN ROTOR HUB ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—●	28-14219-7	. Hub Assembly (Center)	1	X	X	X	X	X	X	X
—	28-14219-3	. Hub Assembly (Center) (Superseded by 28-14219-7)	1	X	X	X	X	X	X	X
10	AN5H-6A	. . Bolt	3	X	X	X	X	X	X	X
20●●	AN5H-45A	. . Bolt	3	X	X	X	X	X	X	X
20	AN5H-46A	. . Bolt (Superseded by AN5H-45A)	3	X	X	X	X	X	X	X
30●●	NAS1149D0563H	. . Washer	6	X	X	X	X	X	X	X
30	AN960D516	. . Washer (Superseded by NAS1149D0563H)	6	X	X	X	X	X	X	X
40	28-14202-1	. . Bracket Assembly	3	X	X	X	X	X	X	X
—	28-14250-1	. . . Bushing	2	X	X	X	X	X	X	X
50●●	AN5-43A	. . Bolt	3	X	X	X	X	X	X	X
50	AN5-44A	. . Bolt (Superseded by AN5-43A)	3	X	X	X	X	X	X	X
60●●	NAS1149F0563P	. . Washer	18	X	X	X	X	X	X	X
60	AN960-516	. . Washer (Superseded by NAS1149F0563P)	18	X	X	X	X	X	X	X
70	28-14224-1	. . Shaft Adapter	1	X	X	X	X	X	X	X
80	28-14244-1	. . Pin	3	X	X	X	X	X	X	X
90†	28-14280-5	. . Hub Plate Assembly (Upper)	1	X	X	X	X	X	X	X
90	28-14280-3	. . Hub Plate Assembly (Upper) (Superseded by 28-14280-5)	1	X	X	X	X	X	X	X
90*	28-14280-1	. . Plate Assembly (Upper)	1	X	X	X	X	X	X	X
100	28-14223-1	. . Hub Spacer	1	X	X	X	X	X	X	X
110	28-14290-3	. . Shim (0.001")	A/R	X	X	X	X	X	X	X
110	28-14290-5	. . Shim (0.002")	A/R	X	X	X	X	X	X	X
110	28-14290-7	. . Shim (0.004")	A/R	X	X	X	X	X	X	X
110	28-14290-9	. . Shim (0.0075")	A/R	X	X	X	X	X	X	X
120†	28-14281-5	. . Hub Plate Assembly (Lower)	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 4-1. MAIN ROTOR HUB ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
120	28-14281-3	. . Hub Plate Assembly (Lower) (Superseded by 28-14281-5)	1	X	X	X	X	X	X	X
120**	28-14281-1R	. . Plate Assembly (Lower)	1	X	X	X	X	X	X	X
130	28-14224-3	. . Shaft Adapter (Lower)	1	X	X	X	X	X	X	X
140	MS21044N5	. . Nut	6	X	X	X	X	X	X	X
140	AN365-524A	. . Nut (Superseded by MS21044N5)	6	X	X	X	X	X	X	X
150 ≡	NK-500-8R6	. . Screw	15	X	X	X	X	X	X	X
160	NAS1149DN832H	. . Washer	12	X	X	X	X	X	X	X
160	AN960D8	. . Washer (Superseded by NAS1149DN832H)	12	X	X	X	X	X	X	X
170	28-14228-1	. . Dust Cover	3	X	X	X	X	X	X	X
170	28-14228-15	. . Dust Cover (Superseded by 28- 14228-1)	3	X	X	X	X	X	X	X
180	28-14227-1	. . Lock Nut	3	X	X	X	X	X	X	X
190	W-09	. . Lock Washer	3	X	X	X	X	X	X	X
–	28-14219-901	. . Universal Block Assembly	3	X	X	X	X	X	X	X
200 ▲►	28-14117-11	. . . Block	1	X	X	X	X	X	X	X
200 ▲	28-14117-1	. . . Block (Superseded by 28- 14117-11)	1	X	X	X	X	X	X	X
210††	28NBC2040YZP	. . . Bearing	2	X	X	X	X	X	X	X
220	28-14236-1	. . . Washer	2	X	X	X	X	X	X	X
230 ▲	28-14251-1	. . . Pad – Stop LH	2	X	X	X	X	X	X	X
240 ▲	28-14251-2	. . . Pad – Stop RH	2	X	X	X	X	X	X	X
250	NK-510-10R10	. . . Screw	4	X	X	X	X	X	X	X
260	H1641Z3	. . . Grease Fitting	1	X	X	X	X	X	X	X
260	1641-B	. . . Grease Fitting (Alternate)	1	X	X	X	X	X	X	X
260	MS15001-1	. . . Fitting (Alternate to 1641-B)	1	X	X	X	X	X	X	X
270	28-14236-1	. . Washer	3	X	X	X	X	X	X	X
280	28-14006-3	. . Shim (0.001")	A/R	X	X	X	X	X	X	X
280	28-14006-5	. . Shim (0.002")	A/R	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 4-1. MAIN ROTOR HUB ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
280	28-14006-7	. . Shim (0.004")	A/R	X	X	X	X	X	X	X
280	28-14006-9	. . Shim (0.005")	A/R	X	X	X	X	X	X	X
280	28-14006-11	. . Shim (0.010")	A/R	X	X	X	X	X	X	X
280	28-14006-13	. . Shim (0.015")	A/R	X	X	X	X	X	X	X
280	28-14006-15	. . Shim (0.020")	A/R	X	X	X	X	X	X	X
280	28-14006-17	. . Shim (0.025")	A/R	X	X	X	X	X	X	X
280	28-14006-19	. . Shim (0.030")	A/R	X	X	X	X	X	X	X
290▲	28-14256-1	. . Nut	3	X	X	X	X	X	X	X
300	28-14257-1	. . Key	3	X	X	X	X	X	X	X
310	NAS1149FN816P	. . Washer	3	X	X	X	X	X	X	X
310	AN960-8L	. . Washer (Superseded by NAS1149FN816P)	3	X	X	X	X	X	X	X
320	H1911Z3	. . Fitting, Grease	6	X	X	X	X	X	X	X
320	1911-B	. . Fitting, Grease (Alternate)	6	X	X	X	X	X	X	X
330	H1637Z3	. . Fitting, Grease	6	X	X	X	X	X	X	X
330	1637-B	. . Fitting, Grease (Alternate)	6	X	X	X	X	X	X	X
340††	28NBC2040YZP	. Bearing	6	X	X	X	X	X	X	X
350	28-14009-1	. Shim (0.001")	A/R	X	X	X	X	X	X	X
350	28-14009-2	. Shim (0.002")	A/R	X	X	X	X	X	X	X
350	28-14009-3	. Shim (0.003")	A/R	X	X	X	X	X	X	X
350	28-14009-5	. Shim (0.005")	A/R	X	X	X	X	X	X	X
360▲	28-14235-1	. Spacer	3	X	X	X	X	X	X	X
370▲	28-14008-1	. Spacer	1	X	X	X	X	X	X	X
380▲	28-14004-1	. Nut	1	X	X	X	X	X	X	X

* Superseded by 28-14280-3.

** Superseded by 28-14281-3.

† Effectivity F28F S/N 819, 280FX S/N 2126 and subsequent.

†† A pre-greased 28NBC2040YZP is available as P/N ECD092-1.

● Effectivity F28F S/N 818, 280FX S/N 2118 and subsequent.

●● Effectivity F28F S/N 829, 280FX S/N 2135 and subsequent.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

- ▲ Available as a remanufactured part. Add an "R" to the end of the part number when ordering.
- ▶ Effectivity F28F S/N 831 and subsequent, 280FX S/N 2172 and subsequent. Retrofittable to F28F S/N 509 and subsequent, and 280FX S/N 2001 and subsequent.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

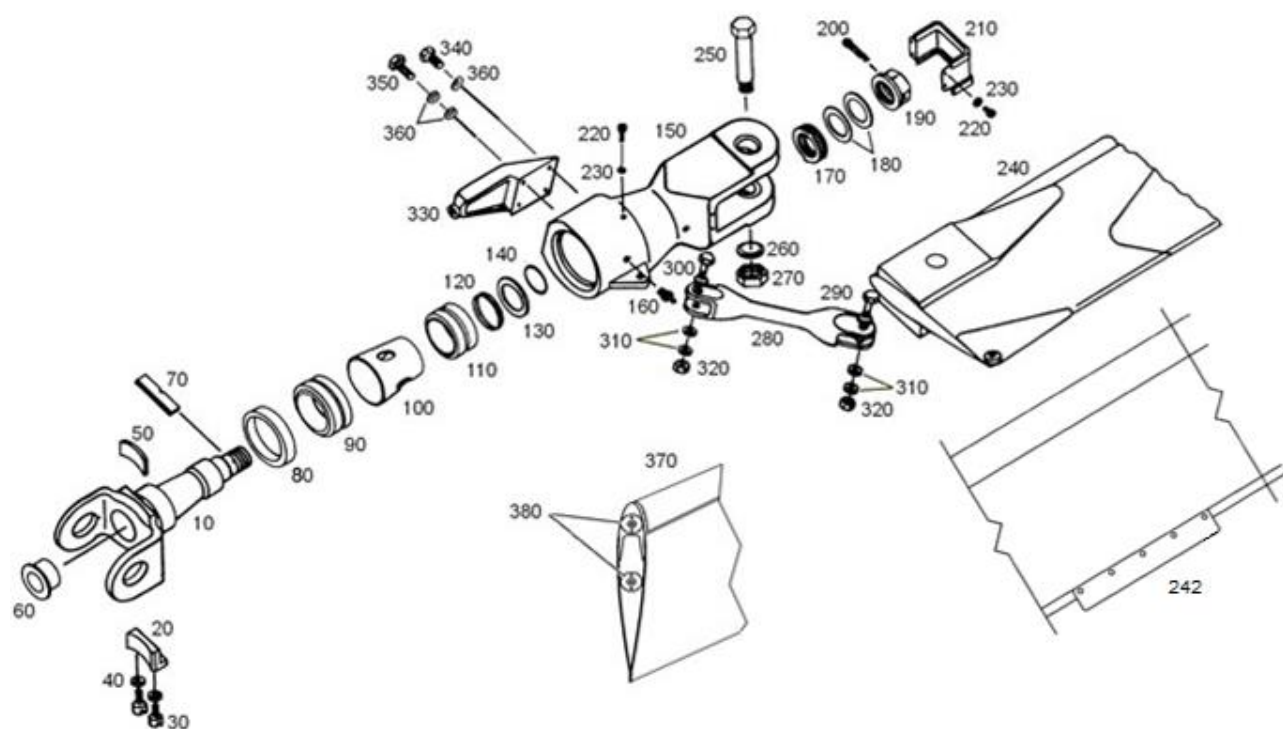


FIGURE 4-2. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 4-2. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-14234-909	. Retention Main Rotor Blade	3	X	X	X	X	X	X	X
–	28-14234-9	. Retention Assembly (Superseded by 28-14234-909)	3	X	X	X	X	X	X	X
–▲	28-14234-901	. . Spindle & Stop Pad Assembly	1	X	X	X	X	X	X	X
–	28-14381-903	. . Spindle Assembly (Used with 28-14381-3)	1	X	X	X	X	X	X	X
10	28-14282-13	. . . Spindle	1	X	X	X	X	X	X	X
10	28-14282-11	. . . Spindle (Superseded by 28- 14282-13)	1	X	X	X	X			
20	28-14240-1	. . . Pad	1	X	X	X	X	X	X	X
30 ≡	NP500-8R8	. . . Screw	2	X	X	X	X	X	X	X
40	NAS1149DN832H	. . . Washer	2	X	X	X	X	X	X	X
40	AN960D8	. . . Washer (Superseded by NAS1149DN832H)	2	X	X	X	X	X	X	X
50	28-14231-1	. . . Pad	1	X	X	X	X	X	X	X
60	L-18X	. . Plug	1	X	X	X	X	X	X	X
70	28-14311-1	. . Strap	1	X	X	X	X	X	X	X
80	10065 H1L5	. . Oil Seal (3.625")	1	X	X	X	X	X	X	X
90	40NBC2052YZP	. . Bearing	1	X	X	X	X	X	X	X
100▲	28-14261-1	. . Spacer	1	X	X	X	X	X	X	X
110	32NBC2044YZP	. . Bearing	1	X	X	X	X	X	X	X
120	RST-200	. . Ring	1	X	X	X	X	X	X	X
130	28-14313-1	. . Washer	1	X	X	X	X	X	X	X
140	MS28775-029	. . O-Ring (0.070")	1	X	X	X	X	X	X	X
140	2-029	. . O-Ring, N304-75, 1.489" (.070") (Alternate)	1	X	X	X	X	X	X	X
140	NAS1611-029	. . O-Ring (Alternate)	1	X	X	X	X	X	X	X
150▲	28-14279-3	. . Grip Assembly.	1	X	X	X	X	X	X	X
150	28-14279-1	. . Blade Grip (Superseded by 28- 14279-3)	1	X	X	X	X	X	X	X
–	28-14270-1	. . Placard	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 4-2. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
160	H1641Z3	. . Grease Fitting	2	X	X	X	X	X	X	X
160**	1641-B	. . Fitting (1/4"-28 UNF-3B) (Alternate to H1641Z3)	2	X	X	X	X	X	X	X
160†	1650	. . Grease Fitting (1/8" NPT)	2	X	X	X	X	X	X	X
160	5045	. . Grease Fitting (Superseded by 1650)	2	X	X	X	X	X	X	X
170▲	28-14320-15	. . Thrust Bearing Assembly	1	X	X	X	X	X	X	X
180	28-14293-7	. . Shim (0.002")	A/R	X	X	X	X	X	X	X
180	28-14293-9	. . Shim (0.004")	A/R	X	X	X	X	X	X	X
180	28-14293-11	. . Shim (0.0075")	A/R	X	X	X	X	X	X	X
180	28-14293-13	. . Shim (0.010")	A/R	X	X	X	X	X	X	X
190▲	28-14335-1	. . Nut	1	X	X	X	X	X	X	X
200	MS24665-360	. . Pin	1	X	X	X	X	X	X	X
200	AN380-4-8	. . Pin (Superseded by MS24665- 360)	1	X	X	X	X	X	X	X
210	28-14239-1	. . Cover Assembly (Metal)	1	X	X	X	X	X	X	X
210	28-14239-5	. . Cover Assembly (Superseded by 28-14239-1)	1	X	X	X	X	X	X	X
—	28-14239-3	. . . Cover	1	X	X	X	X	X	X	X
—	28-14239-11	. . . Cover (Superseded by 28- 14239-3)	1	X	X	X	X	X	X	X
—	980-001	. . . Channel	A/R	X	X	X	X	X	X	X
—	X-142	. . . Channel (Superseded by 980- 001)	A/R	X	X	X	X	X	X	X
220 ≡	NP500-8R6	. . Screw	3	X	X	X	X	X	X	X
230	NAS1149DN832H	. . Washer	5	X	X	X	X	X	X	X
230	AN960D8	. . Washer (Superseded by NAS1149DN832H)	5	X	X	X	X	X	X	X
240	28-14100-9	. Blade Assembly	3	X	X	X	X	X	X	X
242	28-14119-11	. . Trim Tab	2	X	X	X	X	X	X	X
—	MS20470AD3-4	. . Rivet	10	X	X	X	X	X	X	X
250▲	28-14007-3	. Pin – Drag Hinge	3	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 4-2. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
250	28-14007-1	. Pin (Superseded by 28-14007-3)	3	X	X	X	X	X	X	X
260	NAS1149C1290R	. Washer	3	X	X	X	X	X	X	X
260	AN960C1216	. Washer (Superseded by NAS1149C1290R)	3	X	X	X	X	X	X	X
270	AN364-1216A	. Nut	3	X	X	X	X	X	X	X
280▲	28-14283-1	. Drag Link	3	X	X	X	X	X	X	X
290	AN176-15A	. Bolt	3	X	X	X	X	X	X	X
300	AN176-17A	. Bolt	3	X	X	X	X	X	X	X
310	NAS1149D0663H	. Washer	18	X	X	X	X	X	X	X
310	AN960D616	. Washer (Superseded by NAS1149D0663H)	18	X	X	X	X	X	X	X
320	MS21083N6	. Nut	6	X	X	X	X	X	X	X
320	AN364-624A	. Nut (Superseded by MS21083N6)	6	X	X	X	X	X	X	X
330▲	28-14278-1	. Pitch Arm	3	X	X	X	X	X	X	X
340	MS20074-05-06	. Bolt	6	X	X	X	X	X	X	X
340	AN75A6	. Bolt (Superseded by MS20074- 05-06)	6	X	X	X	X	X	X	X
350	AN75-A12	. Bolt	6	X	X	X	X	X	X	X
350	MS20074-05-12	. Bolt (Alternate)	6	X	X	X	X	X	X	X
350	MS24677-52	. Screw (Alternate)	6	X	X	X	X	X	X	X
360	NAS1149F0563P	. Washer (0.063)	18	X	X	X	X	X	X	X
360	AN960-516	. Washer (Superseded by NAS1149F0563P)	18	X	X	X	X	X	X	X
360*	NAS1149F0532P	. Washer	A/R	X	X	X	X	X	X	X
360*	AN960-516L	. Washer (Superseded by NAS1149F0532P)	A/R	X	X	X	X	X	X	X
370	28-14141-913	. Leading Edge Tape	A/R	X	X	X	X	X	X	X
380	28-14109-1	. Plug, Balance (Per Blade)	2	X	X	X	X	X	X	X
—	28-14110-1	. . Washer - Balance	A/R	X	X	X	X	X	X	X
—	28-14110-2	. . Washer - Balance	A/R	X	X	X	X	X	X	X
—	28-14110-3	. . Washer - Balance	A/R	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 4-2. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	MS24693-S287	. . Screw	2	X	X	X	X	X	X	X
–	ACF-50	. . Lubricant: Anti Corrosive	A/R	X	X	X	X	X	X	X

- * Use one (1) AN960-516L with MS24677-49. Use one (1) AN960-516L and one (1) AN960-516 with MS24677-52.
- ▲ Available as a remanufactured part. Add an "R" to the end of the part number when ordering.
- ≡ See Appendix A for equivalent part information.
- ** Effectivity F28F S/N 812 and prior, 280FX S/N 2081 and prior, F28A/C all S/N, and 280C/F all S/N, if equipped with original grips (with 1/4"-28 UNF-3B pipe thread).
- † Effectivity F28F S/N 831 and subsequent. Effectivity 280FX S/N 2138 and subsequent. Retrofittable to F28F S/N 813 and 280FX S/N 2082 and subsequent.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

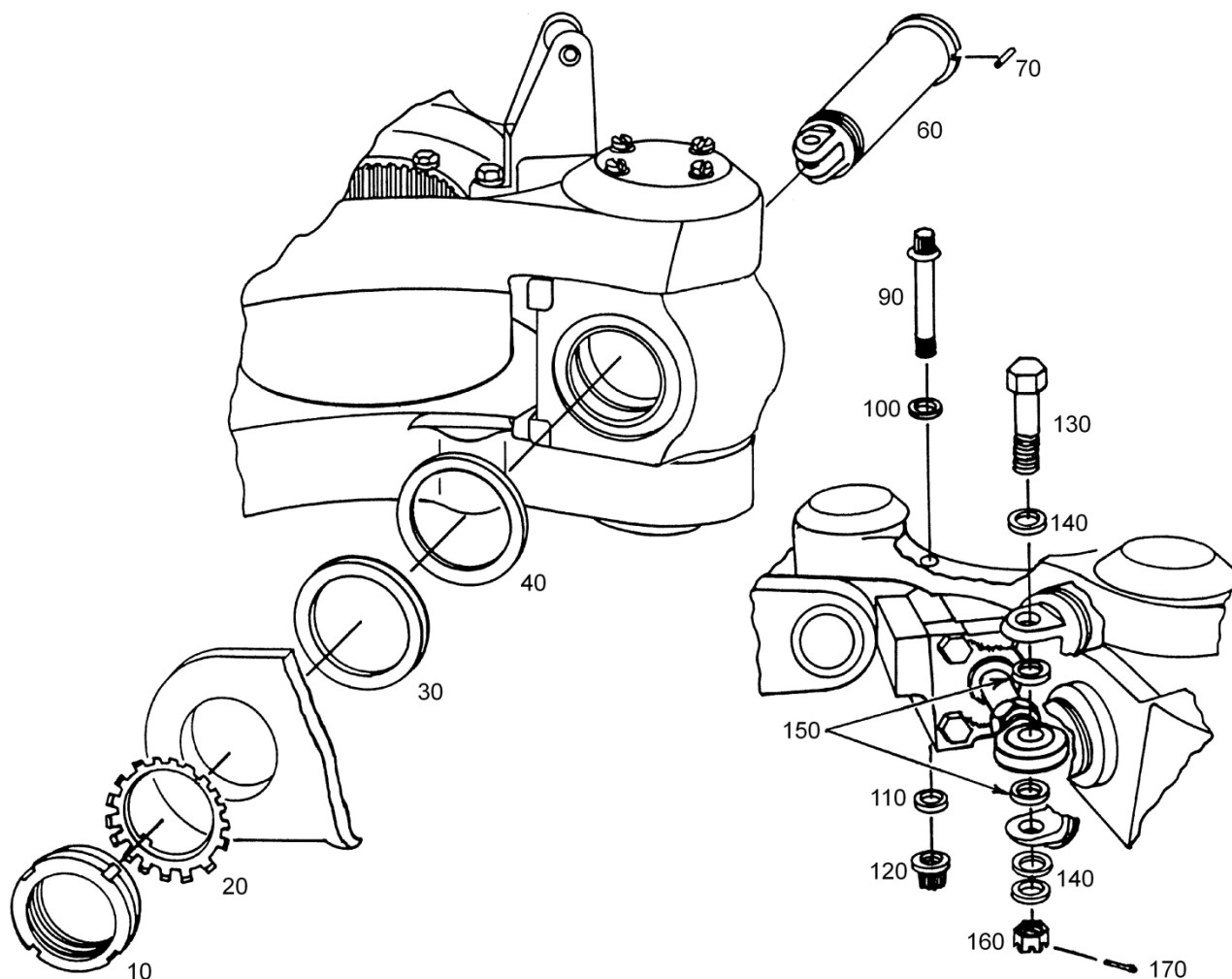


FIGURE 4-3. FLAPPING PIN AND DAMPER INSTALLATION

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 4-3. FLAPPING PIN AND DAMPER INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
10	28-14227-11	. Lock Nut	3	X	X	X	X	X	X	X
10	N-09	. Nut (Superseded by 28-14227-11)	3	X	X	X	X	X	X	X
20	W-09	. Lock Washer	3	X	X	X	X	X	X	X
30	28-14236-1	. Washer	6	X	X	X	X	X	X	X
40	28-14019-2	. Shim (0.002") (Obsolete)	A/R	X	X	X	X	X	X	X
40	28-14019-3	. Shim (0.003")	A/R	X	X	X	X	X	X	X
40	28-14019-5	. Shim (0.005")	A/R	X	X	X	X	X	X	X
40	28-14019-6	. Shim (0.006")	A/R	X	X	X	X	X	X	X
40	28-14019-10	. Shim (0.010")	A/R	X	X	X	X	X	X	X
60 ▲	28-14233-3	. Pin	3	X	X	X	X	X	X	X
60	28-14233-2	. Pin (Superseded by 28-14233-3)	3	X	X	X	X	X	X	X
70	MS16562-215	. Pin	3	X	X	X	X	X	X	X
70	23S-094-0625	. Pin (Alternate)	3	X	X	X	X	X	X	X
90	LWB-22-6-58	. Bolt	3	X	X	X	X	X	X	X
90	HPF1260-6-58	. Bolt (Alternate)	3	X	X	X	X	X	X	X
90	NAS626-58	. Bolt (Alternate)	3	X	X	X	X	X	X	X
100	WC-22-6	. Washer	3	X	X	X	X	X	X	X
100	MS21299C6	. Washer (Alternate)	3	X	X	X	X	X	X	X
110	WP-22-6	. Washer	3	X	X	X	X	X	X	X
110	AP22-6	. Washer (Alternate)	3	X	X	X	X	X	X	X
120	FN22M-624	. Nut	3	X	X	X	X	X	X	X
130	AN178-21	. Bolt	3	X	X	X	X	X	X	X
140	AN960-816	. Washer (0.063")	9	X	X	X	X	X	X	X
150	28-14259-1	. Washer	6	X	X	X	X	X	X	X
160	F12NE-4753-080	. Nut (0.563")	3	X	X	X	X	X	X	X
170	MS24665-302	. Pin	3	X	X	X	X	X	X	X
170	AN381-3-16	. Pin (Superseded by MS24665-302)	3	X	X	X	X	X	X	X

▲ Available as a remanufactured part. Add an "R" to the end of the part number when ordering.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

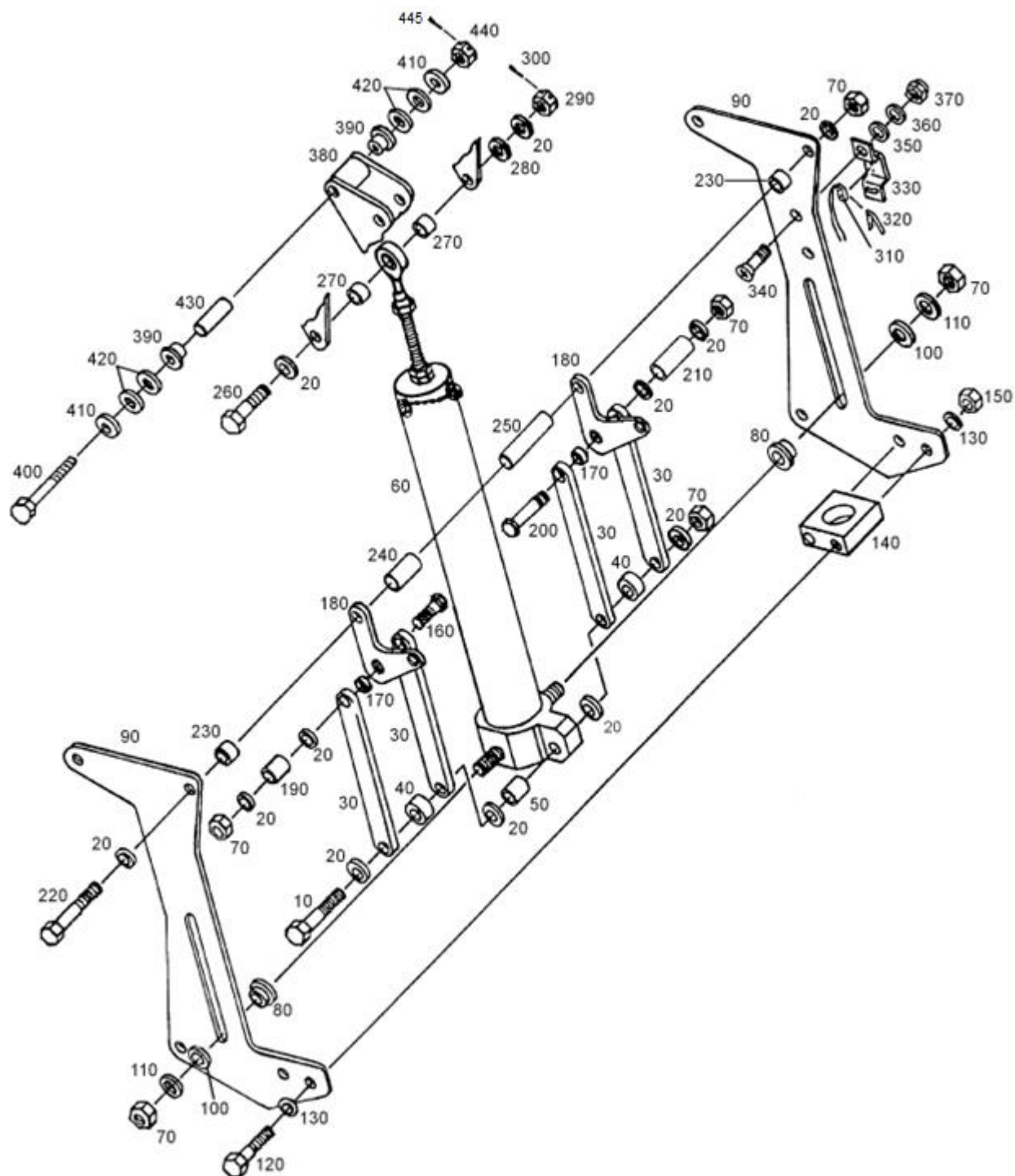
SECTION 5

BELT DRIVE ASSEMBLY

TABLE OF CONTENTS

	Cover Page	5-1
	Table of Contents	5-1
5-1	Belt Tension Assembly and Installation	5-2
5-2	Spring Housing Assembly	5-7
5-3	Idler Pulley and Support Assembly	5-9
5-4	Jack Strut and Pulley Assembly	5-15
5-5	Main Drive Engagement Control System	5-21
5-6	Main Rotor Gearbox Installation	5-25
5-7	Main Rotor Transmission Seal Retainer Assembly	5-30

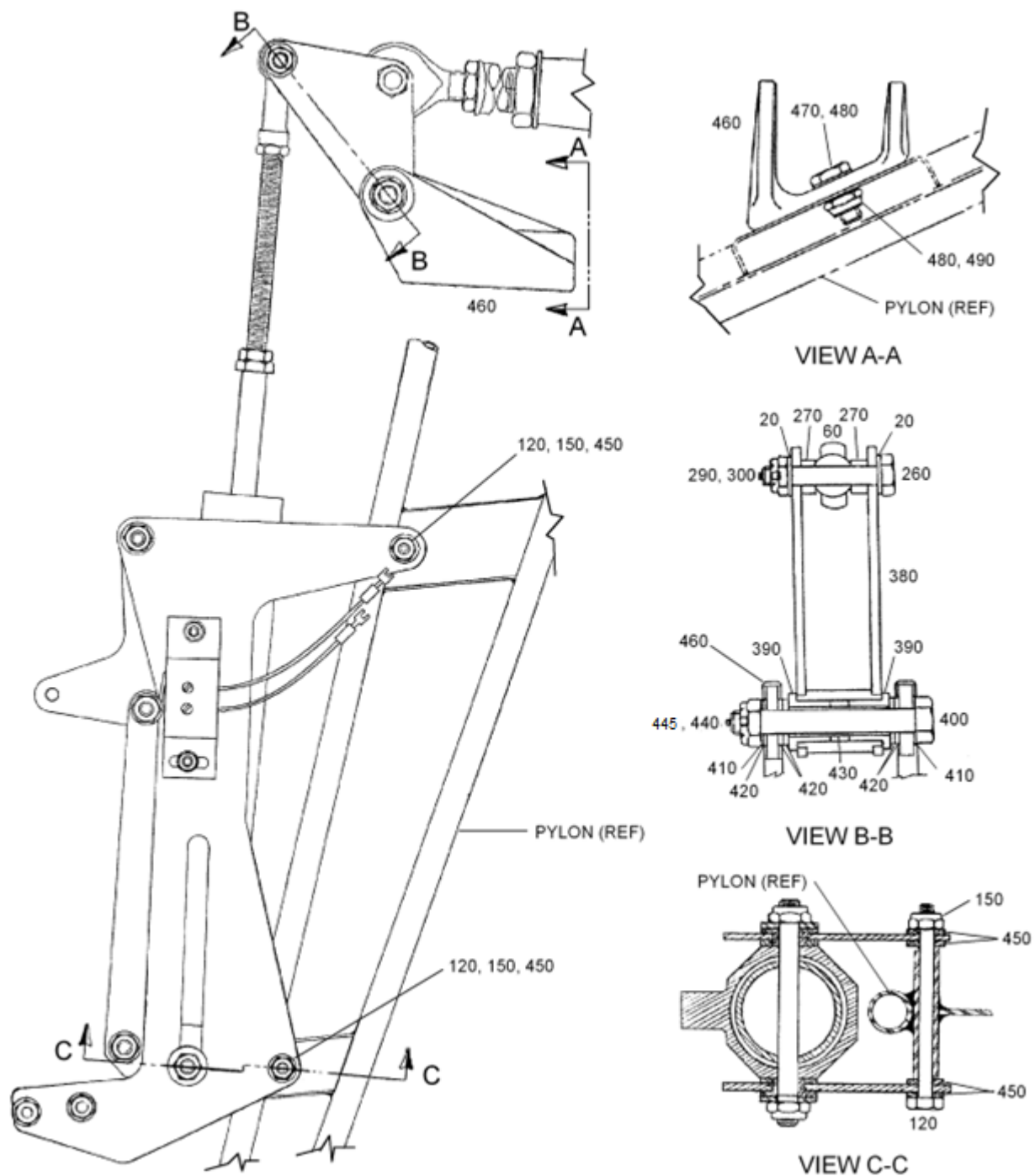
ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 1 of 2

FIGURE 5-1. BELT TENSION ASSEMBLY AND INSTALLATION

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 2 of 2

FIGURE 5-1. BELT TENSION ASSEMBLY AND INSTALLATION

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-1. BELT TENSION ASSEMBLY AND INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-132020-901	. Tension Belt System Drive	1	X	X	X	X	X	X	X
10	NAS6604-19	. Bolt	1	X	X	X	X	X	X	X
10	AN4-15A	. Bolt (Superseded by NAS6604-19)	1	X	X	X	X	X	X	X
20	NAS1149F0432P	. Washer	12	X	X	X	X	X	X	X
20	AN960-416L	. Washer (Superseded by NAS1149F0432P)	12	X	X	X	X	X	X	X
30	28-13268-1	. Strap – Push-Pull	4	X	X	X	X	X	X	X
40	28-13277-1	. Spacer	2	X	X	X	X	X	X	X
50	28-13285-6	. Spacer	1	X	X	X	X	X	X	X
60	28-13259-4	. Spring Housing Assembly – Belt Installation (See Figure 5-2 For Breakdown)	1	X	X	X	X	X	X	X
70	MS21083N4	. Nut	6	X	X	X	X	X	X	X
70	AN364-428A	. Nut (Superseded by MS21083N4)	6	X	X	X	X	X	X	X
80	28-13264-1	. Guide	2	X	X	X	X	X	X	X
90	28-13283-1	. Bracket	2	X	X	X	X	X	X	X
100	28-13265-1	. Washer	2	X	X	X	X	X	X	X
110	ECD050-11	. Washer	2	X	X	X	X	X	X	X
110	1/4 Harper	. Washer (Alternate)	2	X	X	X	X	X	X	X
120	NAS6603-30	. Bolt	4	X	X	X	X	X	X	X
120	AN3-22A	. Bolt (Superseded by NAS6603-30)	4	X	X	X	X	X	X	X
130	NAS1149F0332P	. Washer	4	X	X	X	X	X	X	X
130	AN960-10L	. Washer (Superseded by NAS1149F0332P)	4	X	X	X	X	X	X	X
140	28-13269-1	. Fitting	1	X	X	X	X	X	X	X
150	MS21083N3	. Nut	4	X	X	X	X	X	X	X
150	AN364-1032A	. Nut (Superseded by MS21083N3)	4	X	X	X	X	X	X	X
160	28-13266-1	. Bolt	1	X	X	X	X	X	X	X
170	28-13285-7	. Spacer	2	X	X	X	X	X	X	X
180	28-13274-1	. Bellcrank	2	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-1. BELT TENSION ASSEMBLY AND INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
190	28-13267-1	. . Spacer	1	X	X	X	X	X	X	X
200	28-13266-15	. . Bolt	1	X	X	X	X	X	X	X
210	28-13267-11	. . Spacer	1	X	X	X	X	X	X	X
220	NAS6604-31	. . Bolt	1	X	X	X	X	X	X	X
220	AN4-23A	. . Bolt (Superseded by NAS6604-31)	1	X	X	X	X	X	X	X
230	28-13280-3	. . Spacer	2	X	X	X	X	X	X	X
240	28-13280-4	. . Spacer	1	X	X	X	X	X	X	X
250	28-13285-5	. . Spacer	1	X	X	X	X	X	X	X
260	NAS6604D17	. . Bolt	1	X	X	X	X	X	X	X
260	AN4-14	. . Bolt (Superseded by NAS6604D17)	1	X	X	X	X	X	X	X
270	28-16520-1	. . Spacer	2	X	X	X	X	X	X	X
280	NAS1149F0463P	. . Washer (0.063)	1	X	X	X	X	X	X	X
280	AN960-416	. . Washer (Superseded by NAS1149F0463P)	1	X	X	X	X	X	X	X
290	MS17825-4	. . Nut (0.281")	1	X	X	X	X	X	X	X
290	F12NE-4753-048	. . Nut (Superseded by MS17825-4)	1	X	X	X	X	X	X	X
300	MS24665-151	. . Pin	2	X	X	X	X	X	X	X
300	AN381-2-10	. . Pin (Superseded by MS24665-151)	2	X	X	X	X	X	X	X
—	28-132022-1	. . Micro-Switch Assembly	1	X	X	X	X	X	X	X
310	1SE1	. . . Switch	1	X	X	X	X	X	X	X
320	JE-1	. . . Actuator (Includes Mounting Hardware)	1	X	X	X	X	X	X	X
330	28-132022-11	. . . Bracket	1	X	X	X	X	X	X	X
340	MS27039-0806	. . Screw	2	X	X	X	X	X	X	X
340	AN525-8R6	. . Screw (Replaced by MS27039-0806)	2	X	X	X	X	X	X	X
350	MS35338-42	. . Washer (#8 Lite)	2	X	X	X	X	X	X	X
350	AN935-8	. . Washer (Superseded by MS35338-42)	2	X	X	X	X	X	X	X
360	NAS1149FN816P	. . Washer	2	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-1. BELT TENSION ASSEMBLY AND INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
360	AN960-8L	. . Washer (Superseded by NAS1149F0816P)	2	X	X	X	X	X	X	X
370	MS21083N08	. . Nut	2	X	X	X	X	X	X	X
370	MS35649-282	. . Nut (Replaced by MS21083N08)	2	X	X	X	X	X	X	X
370	AN340-8	. . Nut (Superseded by MS35649- 282)	2	X	X	X	X	X	X	X
380	28-13260-1	. . Bellcrank Assembly	1	X	X	X	X	X	X	X
390	FB68-4	. . . Bushing: Flanged 0.375" (0.500") BR	2	X	X	X	X	X	X	X
400	NAS6605D29	. . Bolt	1	X	X	X	X	X	X	X
400	AN5-22	. . Bolt (Superseded by NAS6605D29)	1	X	X	X	X	X	X	X
410	NAS1149F0532P	. . Washer	2	X	X	X	X	X	X	X
410	AN960-516L	. . Washer (Superseded by NAS1149F0532P)	2	X	X	X	X	X	X	X
420	NAS1149F0563P	. . Washer (0.063")	5	X	X	X	X	X	X	X
420	AN960-516	. . Washer (Superseded by NAS1149F0563P)	5	X	X	X	X	X	X	X
430	28-13284-1	. . Spacer	1	X	X	X	X	X	X	X
440	MS17825-5	. . Nut (0.328")	1	X	X	X	X	X	X	X
440	F12NE-4753-054	. . Nut (Superseded by MS17825- 5)	1	X	X	X	X	X	X	X
445	MS24665-153	. . Pin	1	X	X	X	X	X	X	X
450	NAS1149F0332P	. . Washer	4	X	X	X	X	X	X	X
450	NAS1149F0363P	. . Washer (0.063") (Replaced by NAS1149F0332P)	4	X	X	X	X	X	X	X
450	AN960-10	. . Washer (Superseded by NAS1149F0363P)	4	X	X	X	X	X	X	X
460	28-11128-3	. Mount Bracket	1	X	X	X	X	X	X	X
460	28-11128-1	. Mount Bracket (Superseded by 28-11128-3)	1	X	X	X	X	X	X	X
470	AN4-6A	. Bolt	2	X	X	X	X	X	X	X
480	ECD050-11	. Washer	4	X	X	X	X	X	X	X
490	MS21083N4	. Nut	2	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-1. BELT TENSION ASSEMBLY AND INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
490	AN364-428A	. Nut (Superseded by MS21083N4)	2	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

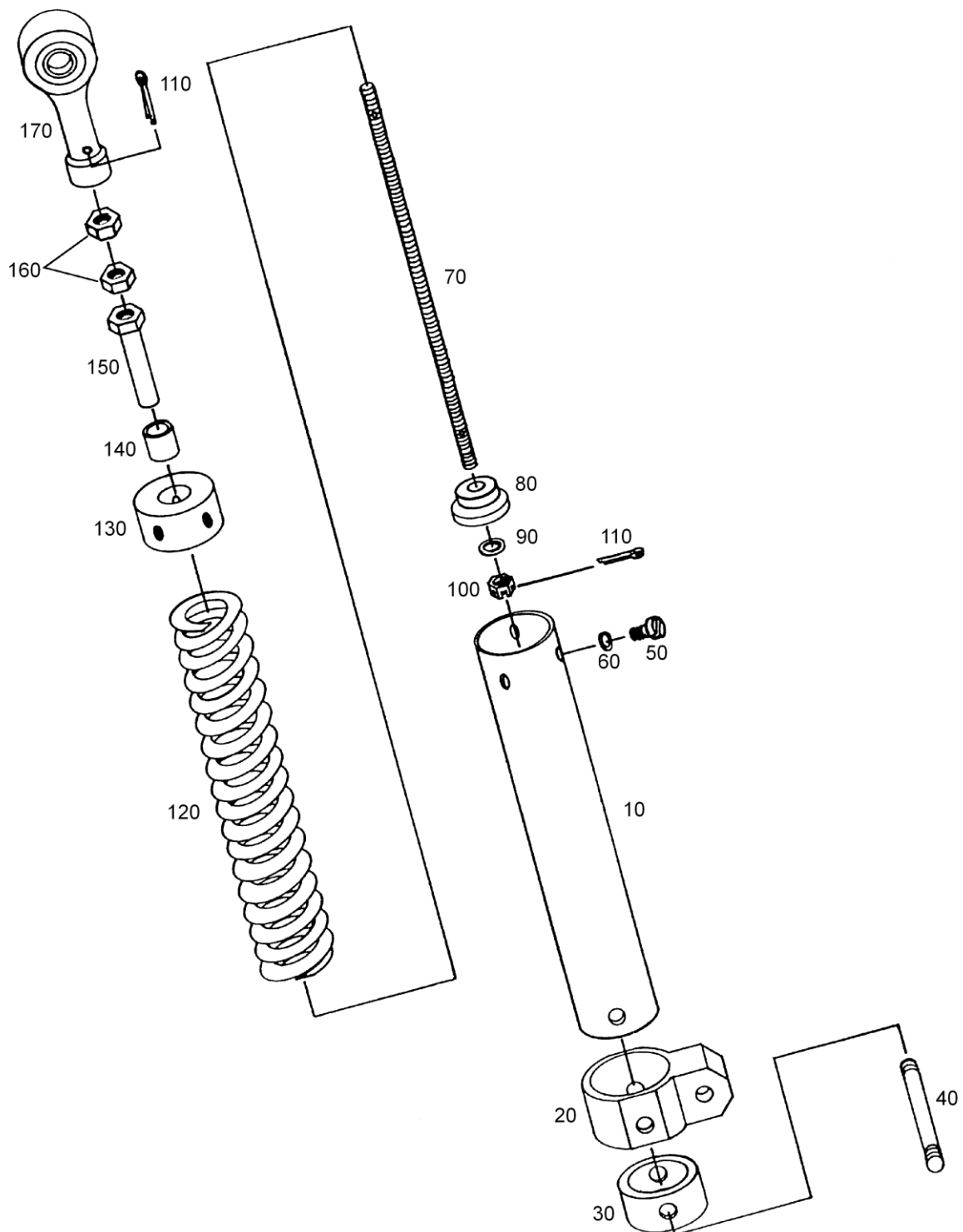


FIGURE 5-2. SPRING HOUSING ASSEMBLY

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-2. SPRING HOUSING ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-13259-4	. Spring Housing Assembly – Belt Installation	1	X	X	X	X	X	X	X
10	28-13253-1	. . Housing, Spring	1	X	X	X	X	X	X	X
20	28-13250-11	. . Anchor	1	X	X	X	X	X	X	X
20	28-13250-1	. . Anchor (Replaced by 28-13250-11)	1	X	X	X	X	X	X	X
30	28-13251-1	. . Retainer	1	X	X	X	X	X	X	X
40	28-13254-1	. . Shaft	1	X	X	X	X	X	X	X
50	AN503-10-6	. . Screw	3	X	X	X	X	X	X	X
60	NAS1149F0332P	. . Washer	3	X	X	X	X	X	X	X
60	AN960-10L	. . Washer (Superseded by NAS1149F0332P)	3	X	X	X	X	X	X	X
70	28-13256-1	. . Shaft	1	X	X	X	X	X	X	X
80	28-13252-1	. . Cap - Spring	1	X	X	X	X	X	X	X
90	NAS1149F0563P	. . Washer (0.063)	1	X	X	X	X	X	X	X
90	AN960-516	. . Washer (Superseded by NAS1149F0563P)	1	X	X	X	X	X	X	X
100	MS17825-5	. . Nut (0.328")	1	X	X	X	X	X	X	X
100	F12NE-4753-054	. . Nut (Superseded by MS17825-5)	1	X	X	X	X	X	X	X
110	MS24665-151	. . Pin	2	X	X	X	X	X	X	X
110	AN381-2-8	. . Pin (Superseded by MS24665-151)	2	X	X	X	X	X	X	X
120	28-13279-1	. . Spring	1	X	X	X	X	X	X	X
130	28-13255-1	. . Assembly, End Cap	1	X	X	X	X	X	X	X
140	07DU08	. . . Bushing, DU, 0.438" (0.500")	1	X	X	X	X	X	X	X
150	28-13263-1	. . Adapter	1	X	X	X	X	X	X	X
160	AN316-5R	. . Nut	2	X	X	X	X	X	X	X
170	02-691-04	. . Bearing, Rod-End, 1/4" Female	1	X	X	X	X	X	X	X
–	AEROSHELL 22	. Grease: Aeroshell #22 Cartridge	A/R	X	X	X	X	X	X	X
–	MS20995C32	. Wire	A/R	X	X	X	X	X	X	X
–	VC-3	. Sealant: Thread, Vibra-Tite	A/R	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-3. IDLER PULLEY AND SUPPORT ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
400	MS17825-4	. Nut (0.281")	3	X	X	X	X	X	X	X
400	F12NE-4753-048	. Nut (Superseded By MS17825-4)	3	X	X	X	X	X	X	X
410	MS24665-151	. Pin	3	X	X	X	X	X	X	X
410	AN381-2-8	. Pin (Superseded by MS24665-151)	3	X	X	X	X	X	X	X
420	28-13299-3	. Yoke End	1	X	X	X	X	X	X	X
420	28-13299-1	. Yoke End (Superseded by 28-13299-3)	1	X	X	X	X	X	X	X
430	MS20074-03-04	. Bolt	2	X	X	X	X	X	X	X
430	AN73A3	. Bolt (Used With 28-13318-1)	2	X	X	X	X			
440	NAS1149F0332P	. Washer	10	X	X	X	X	X	X	X
440	AN960-10L	. Washer (Superseded by NAS1149F0332P)	10	X	X	X	X	X	X	X
450	NAS6603H6	. Bolt	4	X	X	X	X	X	X	X
450	AN3H6A	. Bolt (Superseded by NAS6603H6)	4	X	X	X	X	X	X	X
450	NAS6603H4	. Bolt (Used with 28-13318-1)	4	X	X	X	X			
450	AN3H-5A	. Bolt (Used with 28-13318-1)	4	X	X	X	X			
460	MS21083N3	. Nut	4	X	X	X	X	X	X	X
460	AN364-1032A	. Nut (Superseded by MS21083N3)	4	X	X	X	X	X	X	X
470	NAS1149C1290R	. Washer	1	X	X	X	X	X	X	X
470	AN960C1216	. Washer (Superseded by NAS1149C1290R)	1	X	X	X	X	X	X	X
480	AN316-12R	. Nut	1	X	X	X	X	X	X	X
–	28-132005-3	. Shaft Assembly (With Type "A" Lock)	1	X	X	X	X	X	X	X
–	28-132005-1	. Shaft Assembly (Superseded by 28-132005-3)	1	X	X	X	X			
490	28-132005-11	. . Shaft	1	X	X	X	X	X	X	X
500	NAS509-8	. . Nut	1	X	X	X	X	X	X	X
500	AN316-8R	. . Nut (Used with 28-132005-1)	1	X	X	X	X			
510	NAS559-3	. . Lock – Rod End	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-3. IDLER PULLEY AND SUPPORT ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
510	28-14248-1	. . Washer (Used with 28-132005-1)	1	X	X	X	X			
520	ECD091-1	. . Rod End Bearing	1	X	X	X	X	X	X	X
520	01-824-08E-011	. . Bearing (Superseded by ECD091-1)	1	X	X	X	X	X	X	X
520	MS21242S8K	. . Bearing (Superseded by M81935/1-08K)	1	X	X	X	X	X	X	X
520	09455-01-824-08E-011	. . Bearing (Alternate)	1	X	X	X	X	X	X	X
520	MTK8	. . Bearing (Alternate)	1	X	X	X	X	X	X	X
520	ASMK8T	. . Bearing (Alternate)	1	X	X	X	X	X	X	X
520	M81935/1-08K	. . Bearing (Alternate)	1	X	X	X	X	X	X	X
530	28-132006-11	. Spacer	1	X	X	X	X	X	X	X
540	28-132009-11	. Spacer	2	X	X	X	X	X	X	X
550	AN4-14	. Bolt	1	X	X	X	X	X	X	X

▲ Available as a remanufactured part. Add a "-R" to the end of the part number when ordering.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-4. JACK STRUT AND PULLEY ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
10	28-13227-5	. Strut Assembly	1	X	X	X	X	X	X	X
20	AN8-10A	. Bolt	1	X	X	X	X	X	X	X
30	28-13212-1	. Washer	1	X	X	X	X	X	X	X
40	28-13305-1	. Retainer W.R. Bearing	1	X	X	X	X	X	X	X
50	M83248/1-152	. O-Ring	1	X	X	X	X	X	X	X
50	AS3578-152	. O-Ring (Replaced by M83248/1-152)	1	X	X	X	X	X	X	X
50	MS9021-152	. O-Ring (Superseded by AS3578-152)	1	X	X	X	X	X	X	X
60	28-13319-1	. Seal	1	X	X	X	X	X	X	X
70	28-13211-1	. . Spacer	1	X	X	X	X	X	X	X
80	7361	. . Seal, Oil, 2.000" (3.062")	1	X	X	X	X	X	X	X
90	ECD020-13	. Bearing	1	X	X	X	X	X	X	X
90	ECD020-11	. Bearing (Superseded by ECD020-13)	1	X	X	X	X	X	X	X
100△	28-13300-13	. Pulley	1					X	X	X
100●	28-13273-13	. Driver Pulley	1	X	X			X	X	X
100	28-13273-1	. Pulley (Superseded by 28-13273-13)	1	X	X					
100△	28-132010-13	. Pulley	1			X	X			
100	28-132001-13	. Pulley	1			X	X			
100	28-132001-11	. Pulley (Superseded by 28-132001-13)	1			X	X			
110	28-13210-13	. Washer	1	X	X	X	X	X	X	X
120	AN364-820A	. Nut	1	X	X	X	X	X	X	X
130	1650	. Fitting: Grease, STR (1/8"NPT)	1	X	X	X	X	X	X	X
140	338382	. Fitting, Grease, 1/8" PTF	1	X	X	X	X	X	X	X
140	306590	. Fitting, Grease, 1/8" PTF (Superseded by 338382)	1	X	X	X	X	X	X	X
150◆	28-13306-1	. Bolt	6	X	X	X	X	X	X	X
160	NAS1149F0863P	. Washer (0.063")	6	X	X	X	X	X	X	X
160	AN960-816	. Washer (Superseded by NAS1149F0863P)	6	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-4. JACK STRUT AND PULLEY ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
170	28-13231-3	. Shim (0.020")	A/R	X	X	X	X	X	X	X
170	28-13231-4	. Shim (0.032")	A/R	X	X	X	X	X	X	X
170	28-13231-5	. Shim (0.040")	A/R	X	X	X	X	X	X	X
170	28-13231-6	. Shim (0.050")	A/R	X	X	X	X	X	X	X
170	28-13231-7	. Shim (0.125")	A/R	X	X	X	X	X	X	X
180●	28-13142-1	. Key	1	X	X	X	X	X	X	X
—	28-13170-905	. Clutch And Pulley Assembly	1	X	X	X	X	X	X	X
190●	28-13271-1	. . Pulley - Machined	1	X	X	X	X	X	X	X
200●	28-13401-4	. . Clutch	1	X	X	X	X	X	X	X
—	CL30914-2	. . . Seal: Fill, Clutch Oil	3	X	X	X	X	X	X	X
210	AN5-35A	. . Bolt	6	X	X	X	X	X	X	X
220	NAS1149F0563P	. . Washer (0.063")	12	X	X	X	X	X	X	X
220	AN960-516	. . Washer (Superseded by NAS1149F0563P)	12	X	X	X	X	X	X	X
230	MS21083N5	. Nut	6	X	X	X	X	X	X	X
230	AN364-524A	. . Nut (Superseded By MS21083N5)	6	X	X	X	X	X	X	X
240●	28-13170-903	. Bearing Housing Assembly	1	X	X	X	X	X	X	X
250●	28-13215-3	. . Bearing Housing	1	X	X	X	X	X	X	X
250	28-13215-1	. . Bearing Housing (Obsolete)	1	X	X	X	X			
260	ECD014-11	. . Bearing	1	X	X	X	X	X	X	X
260	ECD014-13	. . Bearing (1.5748") (Used with 28- 13215-1 Bearing Housing)	1	X	X	X	X			
270●	28-13180-11	. . Shield	1	X	X	X	X	X	X	X
280●	28-13323-11	. . Bearing Adapter	1	X	X	X	X	X	X	X
280	28-13129-13	. . Adapter-Bearing (Obsolete)	1	X	X	X	X			
290	20526	. . Seal: Oil, 2.063" (2.661")	1	X	X	X	X	X	X	X
290	340823	. . Seal (Obsolete)	1	X	X	X	X			
300●	28-13322-11	. . Seal Retainer	1	X	X	X	X	X	X	X
300	28-13181-11	. . Seal Retainer (Obsolete)	1	X	X	X	X			
300	28-13303-11	. . Seal Retainer (Obsolete)	1	X	X	X	X			

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-4. JACK STRUT AND PULLEY ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
310	N5002-354-S-PP	. . Retaining Ring	1	X	X	X	X	X	X	X
320	H1911Z3	. . Fitting, Grease	1	X	X	X	X	X	X	X
320	1911-B	. . Fitting, Grease 90 (Alternate)	1	X	X	X	X	X	X	X
320	H1641Z3	. . Grease Fitting	1	X	X	X	X			
320	1641-B	. . Grease Fitting (1/4-28) (Alternate)	1	X	X	X	X			
330	28-13182-11	. . Angle	1	X	X	X	X			
330	28-13182-1	. . Angle (Obsolete)	1	X	X	X	X			
340	AN526-632R4	. . Screw	3	X	X	X	X			
350●	28-13184-11	. Nut	1	X	X	X	X	X	X	X
350	SLN-3045	. Nut (Obsolete)	1	X	X	X	X			
—	SLW-3045	. Locking Ring (Obsolete)	1	X	X	X	X			
360	AN6-10A	. Bolt	2	X	X	X	X	X	X	X
370	NAS1149F0632P	. Washer	4	X	X	X	X	X	X	X
370	AN960-616L	. Washer (Superseded by NAS1149F0632P)	4	X	X	X	X	X	X	X
380	MS21044N6	. Nut	2	X	X	X	X	X	X	X
380	AN365-624A	. Nut (Superseded by MS21044N6)	2	X	X	X	X	X	X	X
390	AN4-7A	. Bolt	2	X	X	X	X	X	X	X
400	NAS1149F0463P	. Washer (0.063)	4	X	X	X	X	X	X	X
400	AN960-416	. Washer (Superseded By NAS1149F0463P)	4	X	X	X	X	X	X	X
410	MS21044N4	. Nut	2	X	X	X	X	X	X	X
410	AN365-428A	. Nut (Superseded by MS21044N4)	2	X	X	X	X	X	X	X
420	28-13281-3	. Shim (0.090")	A/R	X	X	X	X	X	X	X
420	28-13281-4	. Shim (0.060")	A/R	X	X	X	X	X	X	X
420	28-13281-5	. Shim (0.032")	A/R	X	X	X	X	X	X	X
430*	28-13321-17	. Belt (Alternate to 28-13321-15)	1	X	X			X	X	X
430*	28-13321-15	. Belt	1	X	X			X	X	X
430	28-13321-13	. Belt (Superseded by 28-13321-15)	1	X	X			X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-4. JACK STRUT AND PULLEY ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
430	28-13321-11	. Belt (Superseded by 28-13321-13)	1	X	X			X	X	X
430	28-13302-13	. Belt	1			X	X			
430	28-13302-11	. Belt (Superseded by 28-13302-13)	1			X	X			
430	28-13302-1	. Belt (Superseded by 28-13302-13)	1			X	X			

* Either belt may be used on the F28F and the 280FX. Effectivity F28F S/N 831 and subsequent. Effectivity 280FX S/N 2136 and subsequent. Retrofittable to F28F S/N 509 and 280FX S/N 2001.

• Available as a remanufactured part. Add a "-R" to the end of the part number when ordering.

△ For helicopters equipped with Wet/Dry Dispersal System.

◆ 28-13306-2, 28-13306-3, AN178H66A, AN178H67A, AN178H70A, AN8H-66A, AN8H-67A, AN8H-70A, AN8H-71A, and AN8H-72A are acceptable alternates.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-6. MAIN ROTOR GEARBOX INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
170	102-00007	. . Temperature Probe (Alternate)	1	X	X	X	X	X	X	X
180■	28-13134-5	. . Filler Cap Assembly	1	X	X	X	X	X	X	X
190	F965	. . Strainer, Oil, M.R.G.B.	1	X	X	X	X	X	X	X
200	2-214	. . O-Ring, N304-75, 0.984" (0.139")	1	X	X	X	X	X	X	X
200	28775-214	. . O-Ring (Alternate)	1	X	X	X	X	X	X	X
210†	28-13107-15	. . Gasket	1	X	X	X	X	X	X	X
210	28-13107-13	. . Gasket (Superseded By 28- 13107-15)	1	X	X	X	X	X	X	X
220	AN4-4A	. . Bolt	2	X	X	X	X	X	X	X
230	MS35338-44	. . Washer (0.062")	3	X	X	X	X	X	X	X
230	AN935-416	. . Washer (Superseded by MS35338-44)	2	X	X	X	X	X	X	X
240	NAS1149F0463P	. . Washer (.063)	2	X	X	X	X	X	X	X
240	AN960-416	. . Washer (Superseded by NAS1149F0463P)	2	X	X	X	X	X	X	X
—	13241 HIL5	. . Seal	1	X	X	X	X	X	X	X
—	13241-LDS	. . Seal (Mast, Upper) (Replaced by 13241 HIL5)	1	X	X	X	X	X	X	X
—	28-13117-4	. . Shim (0.002")	A/R	X	X	X	X	X	X	X
—	28-13117-5	. . Shim (0.003")	A/R	X	X	X	X	X	X	X
—	28-13117-6	. . Shim (0.010")	A/R	X	X	X	X	X	X	X
—	28-13117-7	. . Shim (0.020")	A/R	X	X	X	X	X	X	X
—	28-13117-8	. . Shim (0.005")	A/R	X	X	X	X	X	X	X
—	28-13117-9	. . Shim (0.0075")	A/R	X	X	X	X	X	X	X
—	8473 H5L16	. . Seal (Mast, Lower)	2	X	X	X	X	X	X	X
—	8473RUPH5-L16	. . Seal (Mast, Lower) (Superseded by 8473 H5L16)	2	X	X	X	X	X	X	X
—	1540	. . Seal (Mast, Lower) (Superseded by 8473RUPH5-L16)	2	X	X	X	X	X	X	X
—	28-13113-4	. . Shim (0.002")	A/R	X	X	X	X	X	X	X
—	28-13113-5	. . Shim (0.003")	A/R	X	X	X	X	X	X	X
—	28-13113-6	. . Shim (0.010")	A/R	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-6. MAIN ROTOR GEARBOX INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-13113-7	. . Shim (0.020")	A/R	X	X	X	X	X	X	X
–	28-13113-8	. . Shim (0.005")	A/R	X	X	X	X	X	X	X
–	28-13113-9	. . Shim (0.0075")	A/R	X	X	X	X	X	X	X
244	1102	. . Seal, Oil (Pinion)	1	X	X	X	X	X	X	X
246	VH-375	. . Retaining Ring	1	X	X	X	X	X	X	X
248◇	28-13614-1	. . Coupling Hub	1	X	X	X	X	X	X	X
–	AN386-2-7A	. . Taper Pin	1	X	X	X	X	X	X	X
–	AN960-C10	. . Washer	1	X	X	X	X	X	X	X
–	AN365-1032A	. . Nut	1	X	X	X	X	X	X	X
250	MS21250-06042	. . Bolt	4	X	X	X	X	X	X	X
250	MS21250-06044	. . Bolt (Alternate)	4	X	X	X	X	X	X	X
260	28-13005-1	. . Washer	4	X	X	X	X	X	X	X
270	NAS1149F0663P	. . Washer	A/R	X	X	X	X	X	X	X
270	AN960-616	. . Washer (Superseded by NAS1149F0663P)	A/R	X	X	X	X	X	X	X
280	FN22M-624	. . Nut	4	X	X	X	X	X	X	X
–	MS20995C32	. Wire	A/R	X	X	X	X	X	X	X
290	AN4-17A	. Bolt	8	X	X	X	X	X	X	X
300	NAS1523-4E	. Seal	8	X	X	X	X	X	X	X
310	AN365-428	. Stop Nut, Elastic	8	X	X	X	X	X	X	X

* The outside half of the 1B7536 magnetic chip detector assembly is 1B7536-2.

** Gearbox assemblies 28-13170-1, -3, -7 are acceptable alternates for Models F-28A and 280.
Gearbox assemblies 28-13170-9, -101, -103 are acceptable alternates for Models F-28A, F-28C, 280, 280C and 280F.

† Effectivity for all piston ships S/N 815, S/N 2093, and subsequent.

• Effectivity for all piston ships S/N 816, S/N 2097, and subsequent.

†† "–R" Denotes Overhauled Main Rotor Gearbox.

■ Available as a remanufactured part. Add an "–R" to the end of the part number when ordering.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-7. MAIN ROTOR TRANSMISSION SEAL RETAINER ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
10	28-13122-1	. Seal Retainer	1	X	X	X	X	X	X	X
†	28-13122-991	. Seal Retainer with Seals	1	X	X	X	X	X	X	X
20●	28-13117-4	. Shim, MRGB 0.002" (Red)	A/R	X	X	X	X	X	X	X
30●	28-13117-5	. Shim, MRGB 0.003" (Green)	A/R	X	X	X	X	X	X	X
35●	28-13117-8	. Shim, MRGB 0.005" (Blue)	A/R	X	X	X	X	X	X	X
40●	28-13117-9	. Shim, MRGB 0.0075" (Matte)	A/R	X	X	X	X	X	X	X
45●	28-13117-6	. Shim, MRGB 0.010" (Brown)	A/R	X	X	X	X	X	X	X
50●	28-13117-7	. Shim, MRGB 0.020" (Yellow)	A/R	X	X	X	X	X	X	X
60	AN4-17A	. Bolt	1	X	X	X	X	X	X	X
70±	NAS1523-4-E	. Seal	8	X	X	X	X	X	X	X
75◆	NAS1149F0432P	. Washer	8	X	X	X	X	X	X	X
80	AN365-428	. Nut	8	X	X	X	X	X	X	X
90	8473 H5L16	. Seal (Mast, Lower)	2	X	X	X	X	X	X	X
90●▼	1540	. Seal (Mast, Lower, Alternate)	2	X	X	X	X	X	X	X

◆ Use between nut and stat-o-seal washer.

† Item includes quantity 2 of Item 90 bonded into the retainer.

● Coat O.D. of seals and 28-13117 shims with Loctite SI 5900 Instant Gasket.

± 600-3101-1/4 Stat-O-Seal (Parker) is an acceptable alternate.

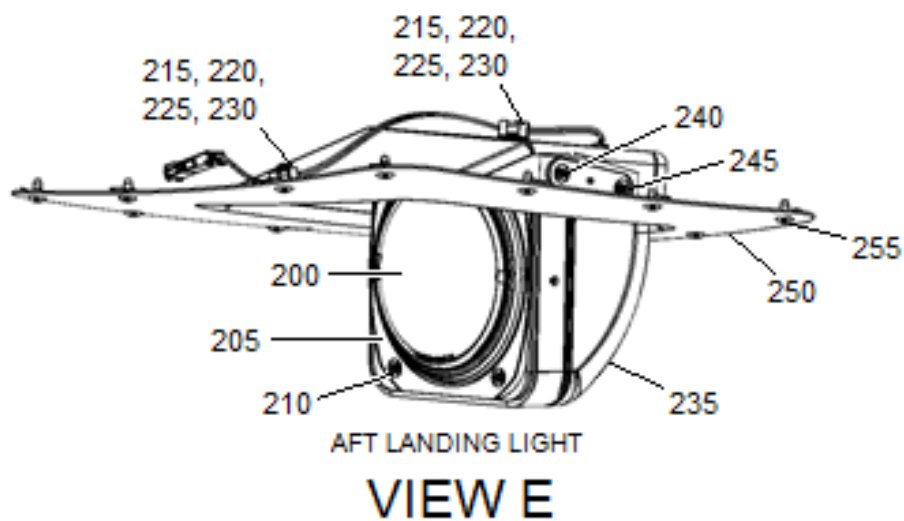
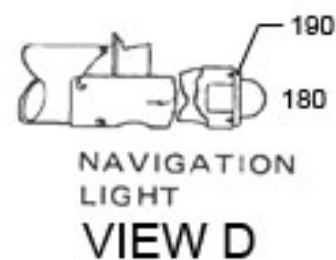
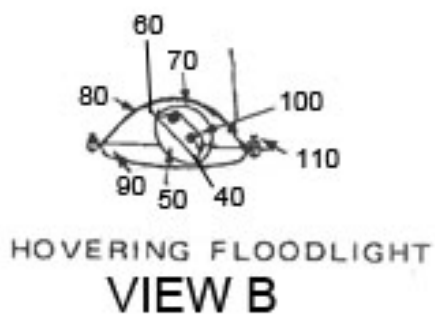
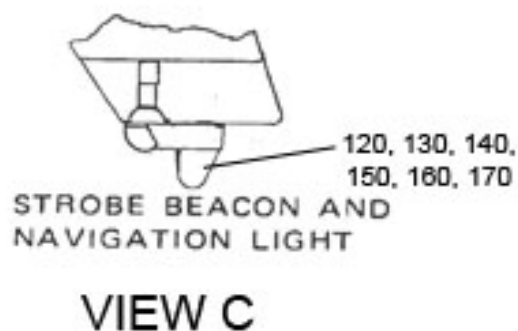
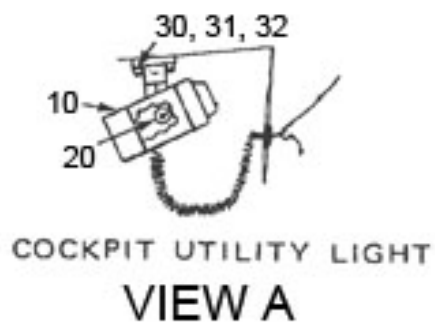
▼ 8473 H5L16 Seal, manufacturer Parker Hannifin (Clipper Seals), is an acceptable substitute after installing seals in 28-13122-1 Seal Retainer. Pack with Aeroshell 22 grease prior to assembly.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 2 of 2

FIGURE 6-5. NIGHT LIGHTING KIT (280 MODELS)

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 6-5. NIGHT LIGHTING KIT (280 MODELS)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
10	15-0007-5	Map Light (Grimes)	1		X		X		X	
10	2000653-001	Utility Light (24 V)	1					X		X
20	1816	. Lamp: 12 V	1		X		X		X	
20	CM1816	. Bulb (Superseded by 1816)	1		X		X		X	
20	313	. Lamp: 24 V	1					X		X
30	AN525-832R20	. Screw	2		X		X		X	X
31	NAS1149FN816P	. Washer	2		X		X		X	X
31	AN960-8L	. Washer (Superseded by NAS1149FN816P)	2		X		X		X	X
32	MS21083N08	. Nut	2		X		X		X	X
32	AN364-832	. Nut (Superseded by MS21083N08)	2		X		X		X	X
40	AN526-832R8	. Screw	4		X		X		X	X
50	4591	. Lamp (24V)	1					X		X
50	4406	. Lamp (12V)	1		X		X		X	
60	28-21009-1	. Lens Clamp	2		X		X		X	X
70	28-17313-1	. Lens Holder	1		X		X		X	X
80	28-17314-1	. Bracket Assembly	1		X		X		X	X
90	28-17316-1	. Shield	1		X		X		X	X
100	MS27039-0807	. Screw	4		X		X		X	X
—	NAS1149FN816P	. Washer	4		X		X		X	X
—	AN960-8L	. Washer (Superseded by NAS1149FN816P)	4		X		X		X	X
110	MS27039-0808	. Screw	12		X		X		X	X
—	NAS1149FN816P	. Washer	4		X		X		X	X
—	AN960-8L	. Washer (Superseded by NAS1149FN816P)	4		X		X		X	X
—	28-21048-1	. Position & Strobe Light Assy (Red)	1		X		X			
120	01-0770054-02	. . Light, Position, Red (14V)	1		X		X			
—	28-21048-3	. Position & Strobe Light Assy (Green)	1		X		X			

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

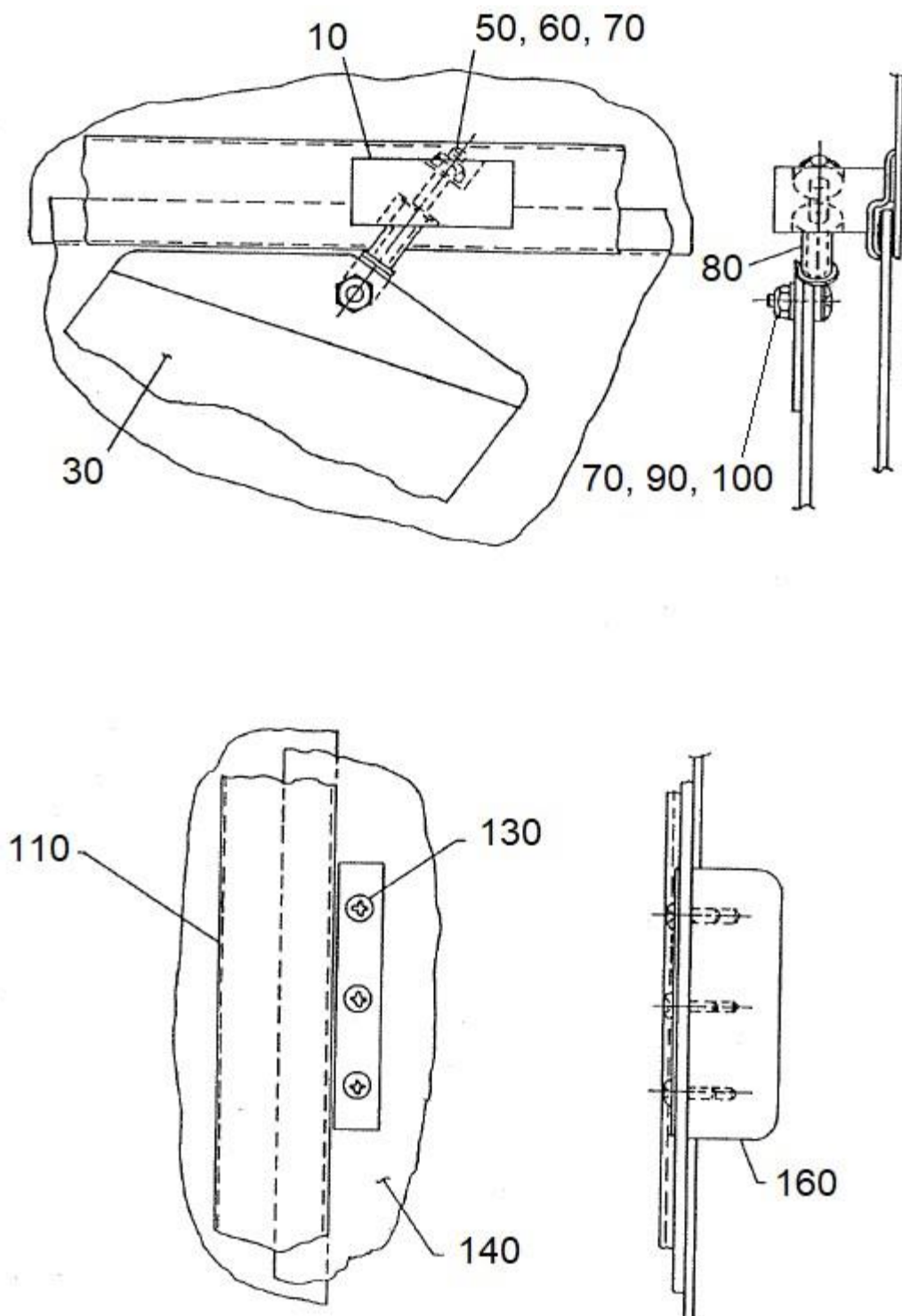


FIGURE 7-3. SLIDING WINDOW VENT INSTALLATION (F-28F, 280FX)

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-3. SLIDING WINDOW VENT INSTALLATION (F-28F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-11714-3	Sliding Window Vent Installation, L/H	1					X		
–	28-11714-4	Sliding Window Vent Installation, R/H	1					X		
–	28-11714-5	Window Vent Installation, L/H	1							X
–	28-11714-6	Window Vent Installation, R/H	1							X
–	28-11714-1	Sliding Window Vent Installation, L/H	1							X
–	28-11714-2	Sliding Window Vent Installation, R/H	1							X
10	28-11711-17	. Pivot Block, L/H	1					X		
10	28-11711-11	. Pivot Block, L/H (Superseded by 28-11711-17)	1					X		
–20	28-11711-18	. Pivot Block, R/H	1					X		
–20	28-11711-12	. Pivot Block, R/H (Superseded by 28-11711-18)	1					X		
–22	28-11711-13	. Pivot Block, L/H	1							X
–24	28-11711-14	. Pivot Block, R/H	1							X
–26	28-11714-11	. Doubler Vent Window	2					X		X
30	28-11708-1	. Wing Window, L/H	1					X		
–40	28-11708-2	. Wing Window, R/H	1					X		
–45	28-113046-9	. Vent Assembly	1					X		X
–45	28-113046-7	. Vent Wing Window (Replaced by 28-113046-9)	1							X
50*	AN42B-C14A	. Eye Bolt	2					X		
50	AN42B-C12A	. Eye Bolt	2							X
50	AN42B-C11A	. Eye Bolt (Replaced by AN42B-C12A)	2							X
60	NAS1149F0332P	. Washer	2					X		
60	AN960-10L	. Washer (Alternate)	2					X		
70	MS21083N3	. Nut	6					X		
70	AN364-1032A	. Nut (Superseded by MS21083N3)	6					X		
80	28-22165-1	. Bushing	2					X		

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-3. SLIDING WINDOW VENT INSTALLATION (F-28F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
90	AN526C1032-9	. Screw	2					X		
100	NAS1149F0363P	. Washer	3					X		
100	AN960-10	. Washer (Alternate)	3					X		
110	28-11710-11	. Sliding Window Track, L/H	1					X		
110	28-11710-1	. Sliding Window Track, L/H (Replaced by 28-11710-11)	1					X		
-120	28-11710-12	. Sliding Window Track, R/H	1					X		
-120	28-11710-2	. Sliding Window Track, R/H (Replaced by 28-11710-12)	1					X		
-122	28-113046-29	. Track, L/H	1							X
-124	28-113046-30	. Track, R/H	1							X
130	AN526-632R9	. Screw	7					X		
140	28-11709-3	. Sliding Window, L/H	1					X		
-150	28-11709-4	. Sliding Window, R/H	1					X		
-152	28-113046-5	. Window Assembly, L/H	1							X
-154	28-113046-6	. Window Assembly, R/H	1							X
160	28-11712-15	. Handle	1					X		X
160	28-11712-11	. Handle (Superseded by 28- 11712-15)	1					X		X

* Acceptable alternate to AN42B-C12A.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-4. DOOR ASSEMBLY AND INSTALLATION (F-28F S/N 745 & SUB)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
150	AN365-832	. Nut (Alternate)	1					X		
160	NAS1149F0363P	. Washer	2					X		
160	AN960-10	. Washer (Alternate)	2					X		
170	28-11407-5	. Bungee Cord	1					X		
180	AN525-832R16	. Screw	2					X		
190	NAS1149FN816P	. Washer	6					X		
190	AN960-8L	. Washer (Alternate)	6					X		
200	22NKM-82	. Acorn Nut	6					X		
210	28-113076-1	. Hinge	2					X		
–	MS20253-P2-7200	. Hinge Pin	2					X		
–	28-113076-15	. Hinge Pin (Superseded by MS20253-P2-7200)	2					X		
220	CR3212-4-4	. Rivet	8					X		
230	X1333HT	. Seal	10'					X		
230	ZX-10204	. Seal (Replaced by X1333HT)	10'					X		
240	28-113078-11	. Doubler, Door	2					X		
250	28-113087-11	. Hinge Plate Doubler	2					X		
260	CR3213-4-4	. Rivet	7					X		
270	28-113090-25	. Stiffener	1					X		
270	28-113077-11	. Doubler, Door (Replaced by 28- 113090-25)	1					X		
280	MS24694-S13	. Screw	4					X		
280	AN509-8R16	. Screw (Superseded by MS24694- S13)	4					X		
290	1053	. Stop Nut	3					X		
300	28-113088-11	. Door Latch Doubler	2					X		
310	28-113090-11	. Door Cable Cover, Top, L/H	1					X		
–320	28-113090-12	. Door Cable Cover, Top R/H	1					X		
–340	28-113090-13	. Door Cable Cover, Bottom, L/H	1					X		
–350	28-113090-14	. Door Cable Cover, Bottom, R/H	1					X		
360	AN526-6R8	. Screw	7					X		

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-4. DOOR ASSEMBLY AND INSTALLATION (F-28F S/N 745 & SUB)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
370	S10P-175	. Plus Nut	2					X		
380	28-11484-13	. Door Strike	4					X		
390	28-11435-1	. Lock Plate	2					X		
400	MS51862-13	. Screw	4					X		
400	AN531-6R6	. Screw (Superseded by MS51862-13)	4					X		
410	28-113090-15	. Door Frame, L/H	1					X		
−420	28-113090-16	. Door Frame, R/H	1					X		
430	28-113096-1	. Door Latch, L/H	1					X		
430	28-113085-13	. Door Latch, L/H (Replaced by 28-113096-1)	1					X		
−440	28-113096-2	. Door Latch, R/H	1					X		
−440	28-113085-14	. Door Latch, R/H (Replaced by 28-113096-2)	1					X		
450	28-113084-11	. Door Latch Sleeve	2					X		
460	NP525-10R10	. Screw	2					X		
470	28-113090-17	. Doubler	1					X		
480	MS35207-277	. Screw	2					X		
490	28-113090-19	. Cover, L/H	1					X		
−500	28-113090-20	. Cover, R/H	1					X		
−	4910-50	. Tape	A/R					X		
510	Y9485	. Adhesive Tape	A/R					X		
520	28-113091-5	. Door Handle, L/H	1					X		
−530	28-113091-6	. Door Handle, R/H	1					X		
−540	28-113091-3	. Door Handle Set (Replaced by 28-113091-5 and 28-113091-6)	1					X		
−540	28-113091-1	. Door Handle Set (Replaced by 28-113091-3)	1					X		
−540A	28-113091-3CS	. Door Handle Set	1					X		
550	28-113092-13	. Door Latch Doubler	1					X		
550	28-113092-11	. Door Latch Doubler (Superseded by 28-113092-13)	1					X		

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-5. WINDOWS, DOORS, AND COMPARTMENT ENCLOSURES
(280, 280C, 280F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
130	280-113024-1	. . . Main Windshield Post Assembly	1		X		X		X	X
140	3-1AF	. . . Bushing	2		X		X		X	X
150	280-128000-2	. Baggage Compartment Installation	1		X		X		X	X
160	280-114507-1	. Baggage Door Assembly	1		X		X		X	
-160A	280-114507-3	. Baggage Door Assembly	1							X
-	ECD060-13	. . Baggage Box Lock	1							X
-	MS35333-47	. . Lock Washer	1							X
170	28-12830-11	. . Placard	1		X		X		X	X
180	AN525-832R8	. Screw	2		X		X		X	X
180	AN526-832R8	. Screw (Superseded by AN525-832R8)	2		X		X		X	X
190	NAS1149FN816P	. Washer	4		X		X		X	X
190	AN960-8L	. Washer (Alternate)	4		X		X		X	X
200	MS21083N08	. Nut	2		X		X		X	X
200	AN364-832A	. Nut (Superseded by MS21083N08)	2		X		X		X	X
210	280-114500-13	. Catch	1		X		X		X	X
220	4316	. Tape, 3/4" Wide	A/R		X		X		X	X
-230	28-113047-11	. Rain Fairing, L/H	1		X		X		X	X
240	28-113047-12	. Rain Fairing, R/H	1		X		X		X	X
-250	28-113041-11	. Cabin Trim, L/H	1		X		X		X	X
260	28-113041-12	. Cabin Trim, R/H	1		X		X		X	X
-*	280-117000-1	. Cabin Door Lock Assembly, L/H	1		X		X		X	X
-*	280-117000-2	. Cabin Door Lock Assembly, R/H	1		X		X		X	X
270	AN393-11	. . Pin	2		X		X		X	X
280	MS24665-1013	. . Cotter Pin	2		X		X		X	X
280	AN381-2-7	. . Cotter Pin (Superseded by MS24665-1013)	2		X		X		X	X
290	280-117001-15	. . Clevis	1		X		X		X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-5. WINDOWS, DOORS, AND COMPARTMENT ENCLOSURES
(280, 280C, 280F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
300	280-117001-23	.. Retainer	1		X		X		X	X
310	MS27039-0808	.. Screw	4		X		X		X	X
310	AN525-832R8	.. Screw (Superseded by MS27039-0808)	4		X		X		X	X
320	280-117002-1	.. Cable	1		X		X		X	X
330	MS21919-DG3	.. Clamp	1		X		X		X	X
340	NAS1149FN816P	.. Washer	10		X		X		X	X
340	AN960-8L	.. Washer (Alternate)	10		X		X		X	X
350	280-117000-17	.. Backing Plate	2		X		X		X	X
-360	280-117000-25	.. Bracket, L/H	1		X		X		X	X
370	280-117000-26	.. Bracket, R/H	1		X		X		X	X
380	MS21044N08	.. Nut	8		X		X		X	X
380	AN365-832A	.. Nut (Superseded by MS21044N08)	8		X		X		X	X
390	AN315-3R	.. Nut	8		X		X		X	X
400	AN665-21R	.. Clevis	2		X		X		X	X
-410	280-117003-1	.. Latch Assembly, L/H	1		X		X		X	X
420	280-117003-2	.. Latch Assembly, R/H	1		X		X		X	X
430	NAS1149F0332P	.. Washer	4		X		X		X	X
430	AN960-10L	.. Washer (Alternate)	4		X		X		X	X
440	28-13605-4	.. Shim	A/R		X		X		X	X
-440A	28-13605-5	.. Shim	A/R		X		X		X	X
-440B	28-13605-6	.. Shim	A/R		X		X		X	X
-440C	28-13605-7	.. Shim	A/R		X		X		X	X
-440D	28-13605-8	.. Shim	A/R		X		X		X	X
450	MS27039-0810	.. Screw	3		X		X		X	X
450	AN525-832R10	.. Screw (Superseded by MS27039-0810)	3		X		X		X	X
460	AN507-1032-8	.. Screw	4		X		X		X	X
470	280-117003-27	.. Push Rod Assembly	1		X		X		X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-5. WINDOWS, DOORS, AND COMPARTMENT ENCLOSURES
(280, 280C, 280F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
480	280-117001-3	.. Latch	1		X		X		X	X
490	280-117001-7	.. Latch Retainer	1		X		X		X	X
500	280-117001-5	.. Latch Retainer	1		X		X		X	X
510	AN526-1032R8	.. Screw	2		X		X		X	X
520	280-117001-25	.. Latch Stop	1		X		X		X	X
530	8-32X1/4 IN	.. Screw	1		X		X		X	X
-540	280-117003-3	.. Latch Retainer, L/H	1		X		X		X	X
550	280-117003-4	.. Latch Retainer, R/H	1		X		X		X	X
560	280-117000-10	.. Spring (CS-31)	1		X		X		X	X
570	280-117000-15	.. Bracket	1		X		X		X	X
580	NAS1149F0363P	.. Washer	4		X		X		X	X
580	AN960-10	.. Washer (Alternate)	4		X		X		X	X
590	MS51862-13	.. Screw	2		X		X		X	X
590	AN531-6-6	.. Screw (Superseded by MS51862-13)	2		X		X		X	X
600	MS27039-0807	.. Screw	5		X		X		X	X
600	AN525-832R7	.. Screw (Superseded by MS27039-0807)	5		X		X		X	X
-610	280-113038-11	.. Panel, L/H	1		X		X		X	X
620	280-113038-12	.. Panel, R/H	1		X		X		X	X
630	A1785-6Z1D	.. Tinnerman Nut	2		X		X		X	X
640	MS51861-25	.. Screw	8		X		X		X	X
640	AN530-6R8	.. Screw (Superseded by MS51861-25)	8		X		X		X	X
650	NK525-1032R12	.. Screw	2		X		X		X	X
660	AN935-10L	.. Lock Washer	2		X		X		X	X
670	H2532-13	.. Door Latch (Exterior)	1		X		X		X	X
-	H2532-15	.. Door Latch (L/H Interior)	1		X		X		X	X
-	H2532-16	.. Door Latch (R/H Interior)	1		X		X		X	X
680	ECD060-5	.. Lock Tumbler	1		X		X		X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-5. WINDOWS, DOORS, AND COMPARTMENT ENCLOSURES
(280, 280C, 280F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
680	110927-3	. . Tumbler Assembly (Replaced by ECD060-5)	1		X		X		X	X
690	LE-026B-00MW	. . Spring	2		X		X		X	X
700	280-113027-1	. Door Assembly, L/H	1		X		X		X	X
-710	280-113027-2	. Door Assembly, R/H	1		X		X		X	X
720	280-113027-23	. . Hinge, L/H	1		X		X		X	X
-730	280-113027-24	. . Hinge, R/H	1		X		X		X	X
740	280-113027-31	. . Hinge Pin	1		X		X		X	X
750	AN345-1032	. . Nut	1		X		X		X	X
760	280-113027-13	. . Door Plexiglass, L/H	1		X		X		X	X
-770	280-113027-14	. . Door Plexiglass, R/H	1		X		X		X	X
780	2500-4	. . Weather Strip	A/R		X		X		X	X
-	28-113102-1	. . Door Handle Assembly	1		X		X		X	X
790	28-113102-11	. . . Door Handle	1		X		X		X	X
800	NK525-832R10	. . Screw	2		X		X		X	X
810	280-113039-11	. . Latch Striker	2		X		X		X	X
820	MS27039-0808	. . Screw	8		X		X		X	X
820	AN525-832R8	. . Screw (Superseded by MS27039-0808)	8		X		X		X	X
830	CC-3251	. . Snap Vent	1		X		X		X	X
-	28-11715-11	. . Ring	1		X		X		X	X
840▲	280-113035-1	. . Ash Tray Receptacle Assembly, L/H	1		X		X		X	X
-▲	280-113035-11	. . . Receptacle Door, L/H	1		X		X		X	X
-850▲	280-113035-2	. . Ash Tray Receptacle Assembly, R/H	1		X		X		X	X
-▲	280-113035-12	. . . Receptacle Door, R/H	1		X		X		X	X
860▲	MS51861-24	. . Screw	2		X		X		X	X
860▲	AN530-6R6	. . Screw (Superseded by MS51861-24)	2		X		X		X	X
870	NAS6603-4	. . Bolt	2		X		X		X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-8. COWLING (F-28A, F-28C)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
160	28-11403-1	. Wraparound Cowl	1	X		X				
170	980-003	. Channel (X-397)	A/R	X		X				
180	AN526-832-8	. Screw	12	X		X				
190	#8x1/2	. Truss Head Screw Type B	21	X		X				
200	28-11442-1	. Door, Inspection	1	X		X				
210	MS20257-1	. Hinge, Piano	1	X		X				
220	MS20253-1	. Pin, Hinge	1	X		X				
230	82-12-120-16	. Stud, Wing	4	X		X				
240	43-13-1-24	. Spring, Ejector	4	X		X				
250	82-32-101-20	. Retainer, Split Ring	4	X		X				
260	82-46-101-39	. Washer, Wear	4	X		X				
-270	28-11405-1	. Side Cowl, L/H Bottom	1	X		X				
280	28-11405-2	. Side Cowl, R/H Bottom	1	X		X				
290	AN931-12-17	. Grommet	5	X		X				
300	980-001	. Channel (X-142)	A/R	X		X				
310	28-11409-1	. Cowl Panel, Bottom	1	X		X				
320	AN525-832R8	. Screw	7	X		X				
330	AN931-10-14	. Grommet	2	X		X				
340	AN931-8-13	. Grommet	3	X		X				

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-9. COWLING (280, 280C)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
210	MS51861-35	. Screw	A/R		X		X			
210	AN530-8R8	. Screw (Superseded by MS51861-35)	A/R		X		X			
220	280-114503-1	. Lower Center Cowl	1		X		X			
230	28-12706-11	. Hot Air Deflector	1		X		X			
230	28-12706-1	. Hot Air Deflector (Replaced by 28-12706-11)	1		X		X			
240	28-12305-1	. Stub	1		X		X			
250	MS20470AD4-4	. Rivet	A/R		X		X			
260	280-114503-5	. Aft Cowl Assembly, L/H	1		X		X			
270	280-114503-6	. Aft Cowl Assembly, R/H	1		X		X			
-280	280-114500-17	. Channel, L/H	1		X		X			
290	280-114500-18	. Channel, R/H	1		X		X			
300	MS35206-245	. Screw	4		X		X			
300	AN515-8R8	. Screw (Superseded by MS35206-245)	4		X	X	X	X	X	X
310	NAS1149FN816P	. Washer	26		X	X	X	X	X	X
310	AN960-8L	. Washer (Alternate)	26		X	X	X	X	X	X
320	MS21044N08	. Nut	16		X	X	X	X	X	X
320	AN365-832A	. Nut (Superseded by MS21044N08)	16		X	X	X	X	X	X
330	AN525-1032-8	. Screw	2		X	X	X	X	X	X
340	NAS1149D0363J	. Washer	2		X	X	X	X	X	X
340	AN960PD10	. Washer (Alternate)	2		X	X	X	X	X	X
350	MS21044N3	. Nut	4		X	X	X	X	X	X
350	AN365-1032A	. Nut (Superseded by MS21044N3)	4		X	X	X	X	X	X
-	AN525-832R7	. Bolt	2		X	X	X	X	X	X
360	980-001	. Channel (X-142)	A/R		X	X	X	X	X	X
370**	280-114505-2	. Step Assembly Cowl	1		X	X	X	X	X	X
380	NAS66032	. Bolt	2		X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

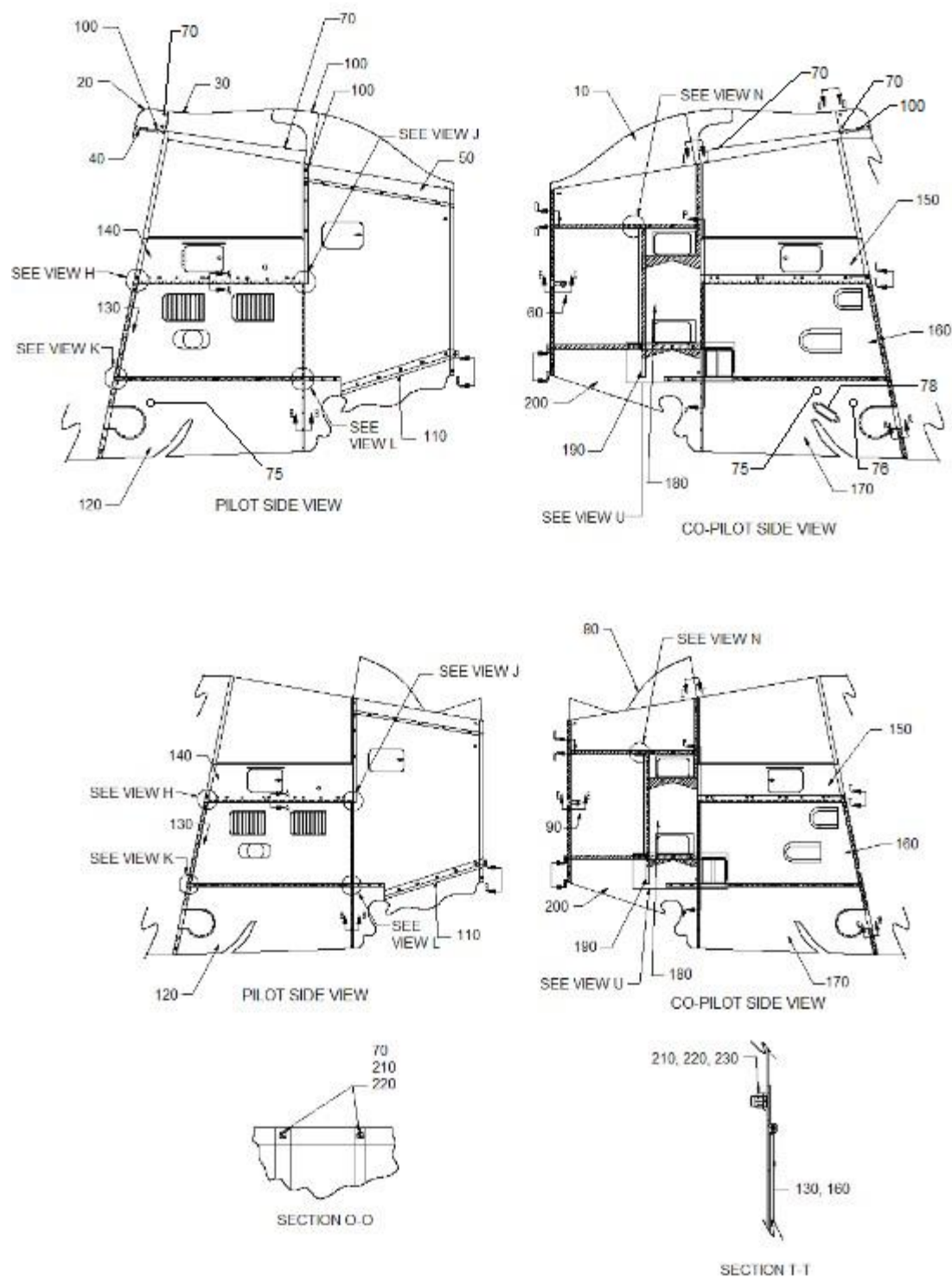
FIGURE 7-9. COWLING (280, 280C)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
380	AN3-4A	. Bolt (Superseded by NAS66032)	2		X	X	X	X	X	X
390	AN364-W33A	. Nut	2		X	X	X	X	X	X
400	MS35206-245	. Screw	10		X	X	X	X	X	X
400	AN515-8R8	. Screw (Superseded by MS35206-245)	10		X	X	X	X	X	X
410	280-114508-1	. Aft Cowl Support	1		X	X	X	X	X	X
410**	280-114508-11	. Aft Cowl Support (Replaced by 280-114508-1)	1		X	X	X	X	X	X
420	82-11-120-16	. Stud	4		X	X	X	X	X	X
430	#4316	. 1/16" x 3/4" Tape	A/R		X	X	X	X	X	X
440	300-169	. Non-Skid Coating	2		X	X	X	X	X	X
440	28-17006-13	. Non-Slip Surface Tape (Superseded by 300-169)	2		X	X	X	X	X	X

* Early model 280C.

** Late model F-28C-2.

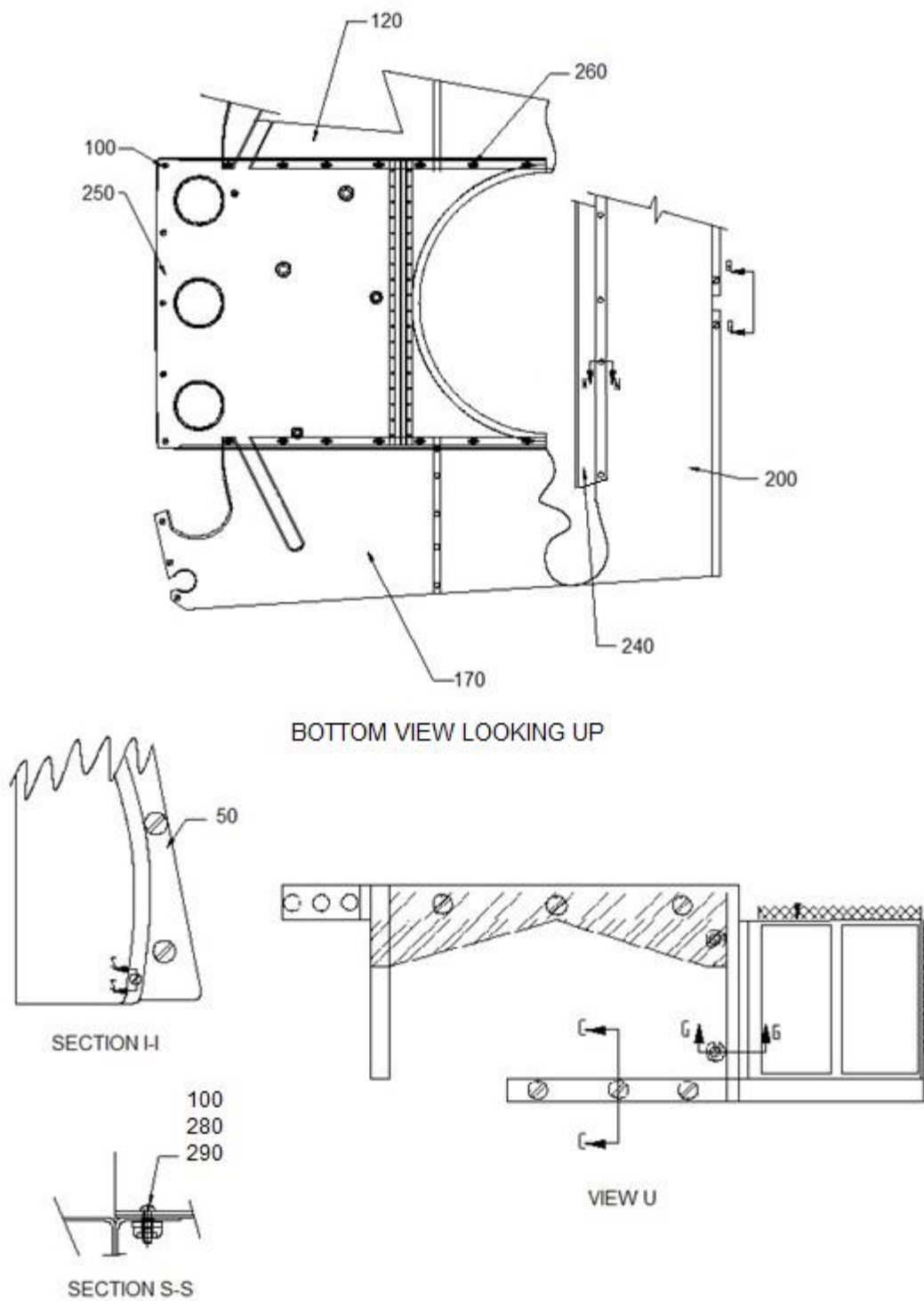
ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 1 of 4

FIGURE 7-10. COWLING (F-28F, 280FX)

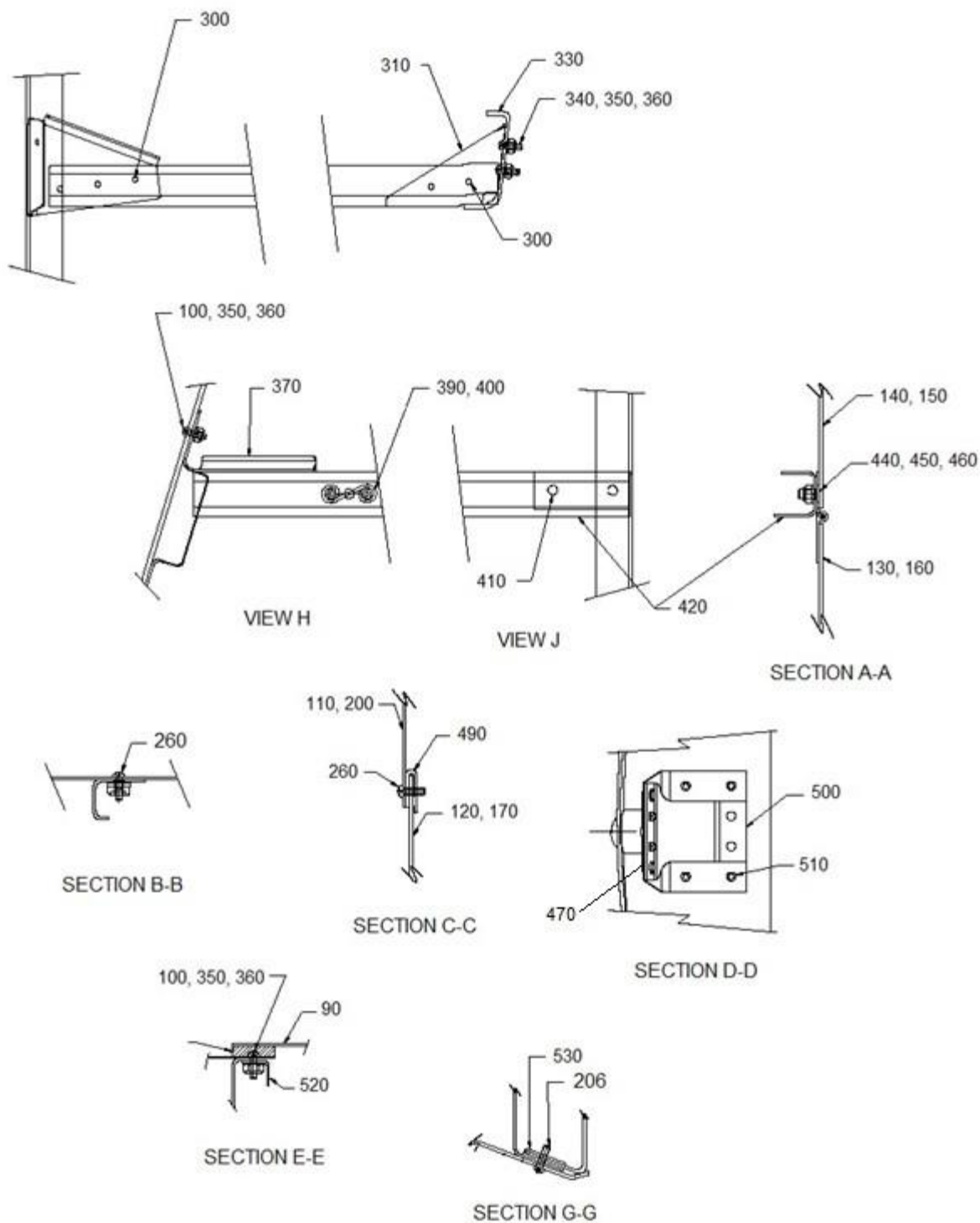
ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 2 of 4

FIGURE 7-10. COWLING (F-28F, 280FX)

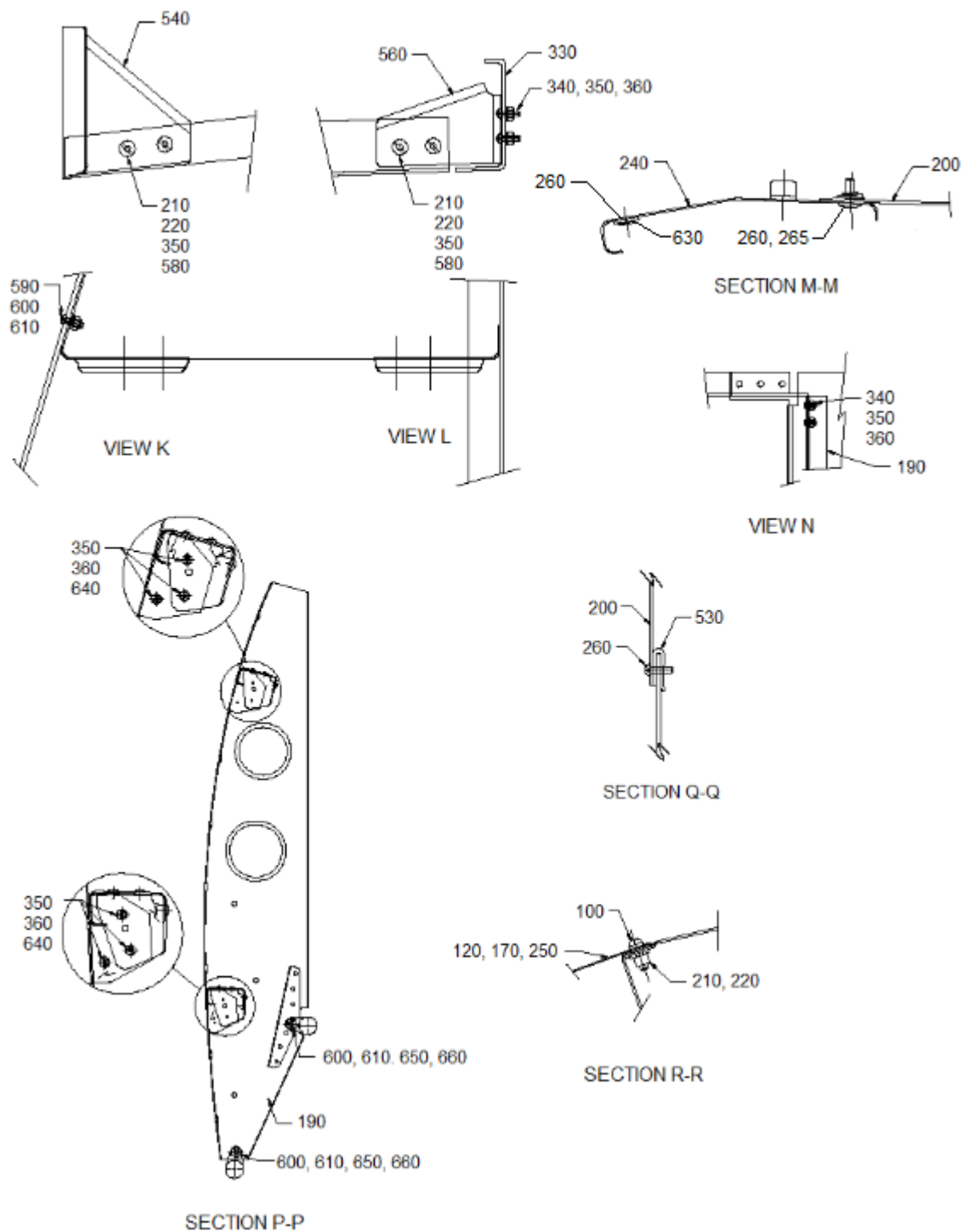
ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 3 of 4

FIGURE 7-10. COWLING (F-28F, 280FX)

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 4 of 4

FIGURE 7-10. COWLING (F-28F, 280FX)

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-10. COWLING (F-28F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—*	28-114014-5	Cowl Installation	REF							X
10	28-114019-3	. Top Cowl & Air Scoop Assembly	1							X
20	28-114023-11	. Airscoop	1							X
30	28-114024-1	. Airduct	1							X
40	28-114026-3	. Nutplate Assembly	1							X
50	28-114022-1	. Panel Assembly	1							X
60	280-114507-3	. Baggage Door Assembly	1							X
70	AN525-832R10	. Screw	4							X
75	MS35489-10	. Grommet	2							X
76	MS35489-14	. Grommet	1							X
78	CGP-2	. Grommet Strip	1							X
—**	28-114014-9	Cowl Installation	REF					X		
80	28-114019-5	. Top Cowl & Air Scoop Assembly	1					X		
90	280-114507-1	. Baggage Door Assembly	1					X		
100▲	AN525-832R8	. Screw	30					X		X
110	28-114011-5	. Side Cowl Assembly	1					X		X
120	28-114015-1	. Bottom Left Side Cowling Assembly	1					X		X
130	28-114017-1	. Left Side Cowl Assembly	1					X		X
140	280-114502-3	. Left Upper Panel Assembly	1					X		X
—	280-114502-13	. . Left Panel	10					X		X
—	AJ4-35	. . Fastener Stud	4					X		X
—	GA4-250	. . Grommet	4					X		X
—	28-11443-1	. . Shield	1					X		X
—	MS20470A3-3	. . Rivet	8					X		X
—	33+ Super 3/4"	. . Vinyl Electrical Tape	A/R					X		X
—	5451	. . Teflon Tape	A/R					X		X
—	28-11440-1	. . Inspection Door Assembly	1					X		X
—	82-35-302-15	. . Receptacle	1					X		X
—	MS20426AD3-5	. . Rivet	2					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-10. COWLING (F-28F, 280FX)

SECRET 10: COWLING (28F, 280F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
150	280-114502-4	. Right Upper Panel Assembly	1					X		X
–	280-114502-14	. . Right Panel	1					X		X
–	AJ4-25	. . Fastener Stud	4					X		X
–	GA4-250	. . Grommet	4					X		X
–	28-11443-1	. . Shield	1					X		X
–	MS20470A3-3	. . Rivet	8					X		X
–	33+ Super 3/4”	. . Vinyl Electrical Tape	A/R					X		X
–	5451	. . Teflon Tape	A/R					X		X
–	28-11440-1	. . Inspection Door Assembly	1					X		X
–	82-35-302-15	. . Receptacle	1					X		X
–	MS20426AD3-5	. . Rivet	2					X		X
160	28-114018-1	. Right Side Cowl Assembly	1					X		X
170	28-114015-2	. Bottom Right Side Cowling Assembly	1					X		X
180	28-114013-3	. Step Panel Assembly	1					X		X
190	280-114505-2	. Step Assembly	1					X		X
200	28-114012-1	. Cowl, Lower Panel Assembly	1					X		X
210◆	MS35333-40	. Lock Washer	23					X		X
220◆◇	S8P-150	. Plus Nut	23					X		X
230	MS24693-S51	. Screw	2					X		X
240	280-114508-1	. Aft Cowl Support Assembly	1					X		X
250	28-114016-7	. Center Skin Lower Assembly	1					X		X
260▶	MS51861-35	. Screw	50					X		X
265	AN525-10R7	. Screw	2							X
280	MS20426AD3-5	. Rivet	4					X		X
290	MS21080-08K	. Nutplate	2					X		X
300	MS20470AD4-3	. Rivet	10					X		X
310	28-11413-5	. Left Aft Attaching Bracket	1					X		X
–320	28-11413-6	. Right Aft Attaching Bracket	1					X		X
330	28-11460-1	. Aft Cowl Ring Assembly and Installation	1					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-10. COWLING (F-28F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
340	MS35206-244	. Screw	12					X		X
350	NAS1149FN816P	. Washer	46					X		X
360	MS21044N08	. Nut	24					X		X
370	280-114500-19	. Clip	1					X		X
-380	280-114500-20	. Clip	1					X		X
390	1219-4200-Z3Y	. Spring	8					X		X
400†	MS20426A3-4	. Rivet	16					X		X
410	MS20426AD3-4	. Rivet	4					X		X
420	280-114500-17	. Channel, L/H	1					X		X
-430	280-114500-18	. Channel, R/H	1					X		X
440	MS24693-S25	. Screw	12					X		X
450	NAS1149FN616P	. Washer	12					X		X
460	MS21044N06	. Nut	12					X		X
470	MS20470AD3-4	. Rivet	5					X		X
490	A01787-8Z-1D	. Tinnerman Nut	6					X		X
500	280-114501-5	. Vibration Mount Assembly	5					X		X
510	MS20470AD4-3.5	. Rivet	20					X		X
520	280-114500-13	. Catch	1					X		X
530	A01789-8Z-1D	. Tinnerman Nut	6					X		X
540	280-114500-21	. Bracket	1					X		X
-550	280-114500-22	. Bracket	1					X		X
560	280-114500-23	. Bracket	1					X		X
-570	280-114500-24	. Bracket	1					X		X
580	MS35206-246	. Screw	8					X		X
590	AN525-10R8	. Screw	2					X		X
600	NAS1149F0332P	. Washer	6					X		X
610	MS21044N3	. Nut	6					X		X
-620	AN3-6A	. Bolt	2					X		X
630	A06195-8Z-1D	. Tinnerman Nut	9					X		X
640	MS35206-245	. Screw	6					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-10. COWLING (F-28F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
650	AN3-4A	. Bolt	2					X		X
660	NAS1149F0363P	. Washer	2					X		X

* Effectivity 280FX S/N 2172 and subsequent; eligibility 280FX S/N 2001 and subsequent.

** Effectivity F-28F S/N 833 and subsequent; eligibility F-28F S/N 509 and subsequent.

▲ Install 13 additional screws into 28-114014-5.

◆ Install 2 additional lock washers and plus nuts into 28-114014-5.

‡ CCR264SS-3-02 rivet with NAS1149FN316P washer is an acceptable alternate.

◇ In Section R-R and T-T, S8P-270 is an acceptable alternate to S8P-150.

► 8 X 1/2 is an acceptable alternate.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-13. CABIN INSTALLATION AND PYLON AND TAILCONE ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-11300	Cabin Installation	REF	X	X	X	X	X	X	X
10	NAS6604-7	. Bolt	2	X	X	X	X	X	X	X
10	AN4-7A	. Bolt (Superseded by NAS6604-7)	2	X	X	X	X	X	X	X
20	NAS1149F0463P	. Washer	3	X	X	X	X	X	X	X
20	AN960-416	. Washer (Alternate)	3	X	X	X	X	X	X	X
30	NAS6604-1	. Bolt	1	X	X	X	X	X	X	X
30	AN4-4A	. Bolt (Superseded by NAS6604-1)	1	X	X	X	X	X	X	X
40	NAS1149F0432P	. Washer	1	X	X	X	X	X	X	X
40	AN960-416L	. Washer (Alternate)	1	X	X	X	X	X	X	X
50	NAS6604-17	. Bolt	1	X	X	X	X	X	X	X
50	AN4-14A	. Bolt (Superseded by NAS6604-17)	1	X	X	X	X	X	X	X
60	NAS6605H9	. Bolt	1	X	X	X	X	X	X	X
60	AN5H10A	. Bolt (Superseded by NAS6605H9)	1	X	X	X	X	X	X	X
70	NAS1149F0563P	. Washer	2	X	X	X	X	X	X	X
70	AN960-516	. Washer (Alternate)	2	X	X	X	X	X	X	X
80	28-19006-24-1	. Wire	1	X	X	X	X	X	X	X
90	NAS6605H7	. Bolt	1	X	X	X	X	X	X	X
90	AN5H7A	. Bolt (Superseded by NAS6605H7)	1	X	X	X	X	X	X	X
–	280-112000-1	Pylon and Tailcone Assembly	REF	X	X	X	X			
–	280-112000-3	Pylon and Tailcone Assembly	REF							X
–	280-112000-5	Pylon and Tailcone Assembly	REF					X	X	X
100	MS20006H14	. Bolt	1	X	X	X	X	X	X	X
100	NAS146DH-24	. Bolt (Superseded by MS20006H14)	1	X	X	X	X	X	X	X
110	MS20002-C6	. Washer	5	X	X	X	X	X	X	X
120	MS20006H12	. Bolt	2	X	X	X	X	X	X	X
120	NAS146DH-22	. Bolt (Superseded by MS20006H12)	2	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

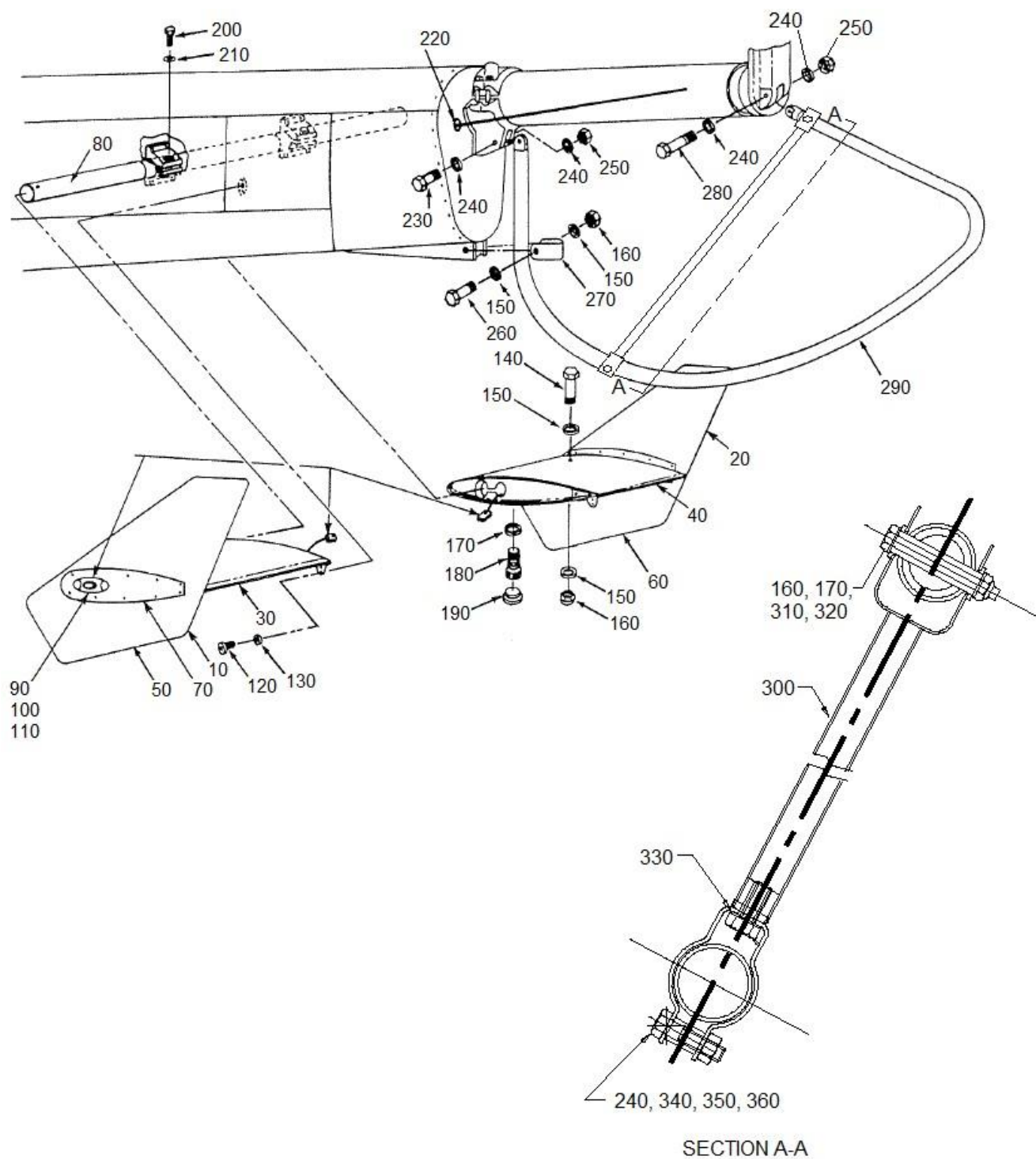


FIGURE 7-17. STABILIZER AND TAILCONE EXTENSION (F-28F, 280FX)

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-17. STABILIZER AND TAILCONE EXTENSION (F-28F, 280FX)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
10	28-20119-3	. Stabilizer Installation, L/H	1					X		X
10	28-20119-1	. Stabilizer Installation, L/H (Superseded by 28-20119-3)	1					X		X
20	28-20119-4	. Stabilizer Installation, R/H	1					X		X
20	28-20119-2	. Stabilizer Installation, R/H (Superseded by 28-20119-4)	1					X		X
30	28-20111-911	. . Horizontal Stabilizer, L/H	1					X		X
30	28-20111-1	. . Horizontal Stabilizer, L/H (Superseded by 28-20111-911)	1					X		X
40	28-20111-912	. . Horizontal Stabilizer, R/H	1					X		X
40	28-20111-2	. . Horizontal Stabilizer, R/H (Superseded by 28-20111-912)	1					X		X
–	28-20112-1	. . Vertical Stabilizer Assembly	1					X		X
–	28-20112-2	. . Vertical Stabilizer Assembly (Replaced by 28-20112-1)	1					X		X
50	28-20112-15	. . . Skin, L/H	1					X		X
60	28-20112-16	. . . Skin, R/H	1					X		X
70	28-20116-11	. . Plate	2					X		X
80	28-11222-15	. . Spar	1					X		X
90	AN525-1032R12	. Screw	20					X		X
100	NAS1149D0316J	. Washer	40					X		X
100	AN960PD10L	. Washer (Alternate)	40					X		X
110	MS21083N3	. Nut	20					X		X
110	AN364-1032A	. Nut (Superseded by MS21083N3)	20					X		X
120	AN526-832R8	. Screw	2	X	X	X	X	X	X	X
130	NAS1149FN816P	. Washer	2	X	X	X	X	X	X	X
130	AN960-8L	. Washer (Alternate)	2	X	X	X	X	X	X	X
140	NAS6603-26	. . Bolt	2					X		X
140	AN3-20A	. . Bolt (Superseded by NAS6603-26)	2					X		X
150	NAS1149F0332P	. . Washer	6					X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-18. TAIL ROTOR DRIVE SHAFT COVER

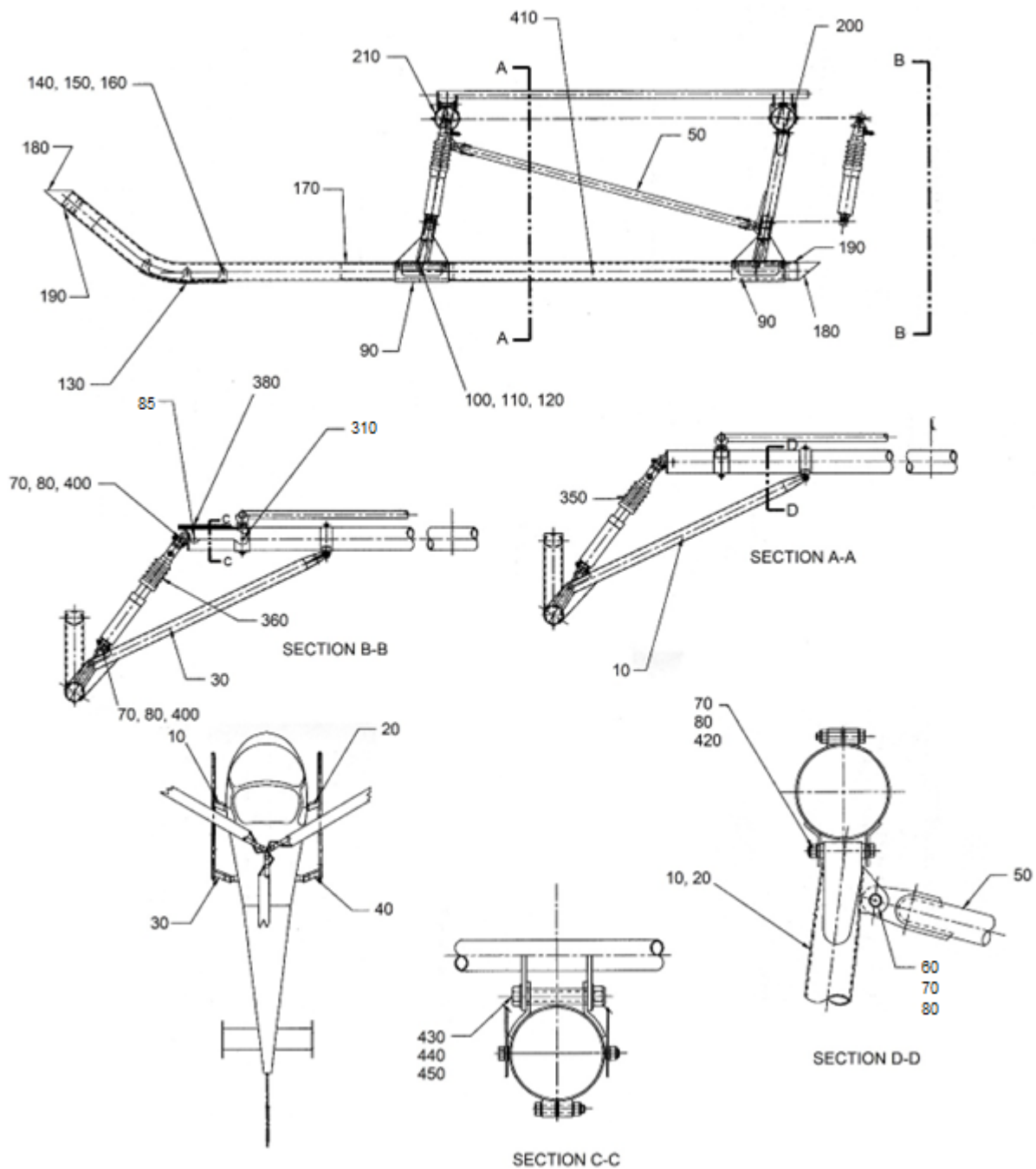
ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
30	28-11239-9	. Cover Assembly - Shaft Tail Rotor	1							X
—	28-11239-23	. . Cover	1							X
—	82-19-160-16	. . Oval Head Screw	1							X
—	43-13-1-24	. . Spring Ejector	1							X
—	82-46-101-39	. . Wear Washer	1							X
—	82-32-101-20	. . Retainer	1							X
—	28-11239-27	. . Doubler	1							X
—	28-11239-35	. . Doubler	1							X
—	28-11239-39	. . Doubler	1							X
—	28-11239-21	. . Extension	1							X
—	28-11227-13	. . Hinge	1							X
—	28-11227-21	. . Hinge	1							X
—	MS20426A3-3	. . Rivet	6							X
—	MS20426A3-4	. . Rivet	6							X
—	5451	. . Teflon Tape	A/R							X
40	28-11239-101	. Cover Assembly - Shaft Tail Rotor	1							X
—	28-11239-25	. . Cover	1							X
—	82-19-160-16	. . Oval Head Screw	2							X
—	43-13-1-24	. . Spring Ejector	2							X
—	82-46-101-39	. . Wear Washer	2							X
—	82-32-101-20	. . Retainer	2							X
—	28-11239-19	. . Extension	1							X
—	MS20426A3-3	. . Rivet	8							X
—	5453	. . Teflon Tape	A/R							X
—	5451	. . Teflon Tape (Replaced by 5453)	A/R							X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I

INTENTIONALLY LEFT BLANK

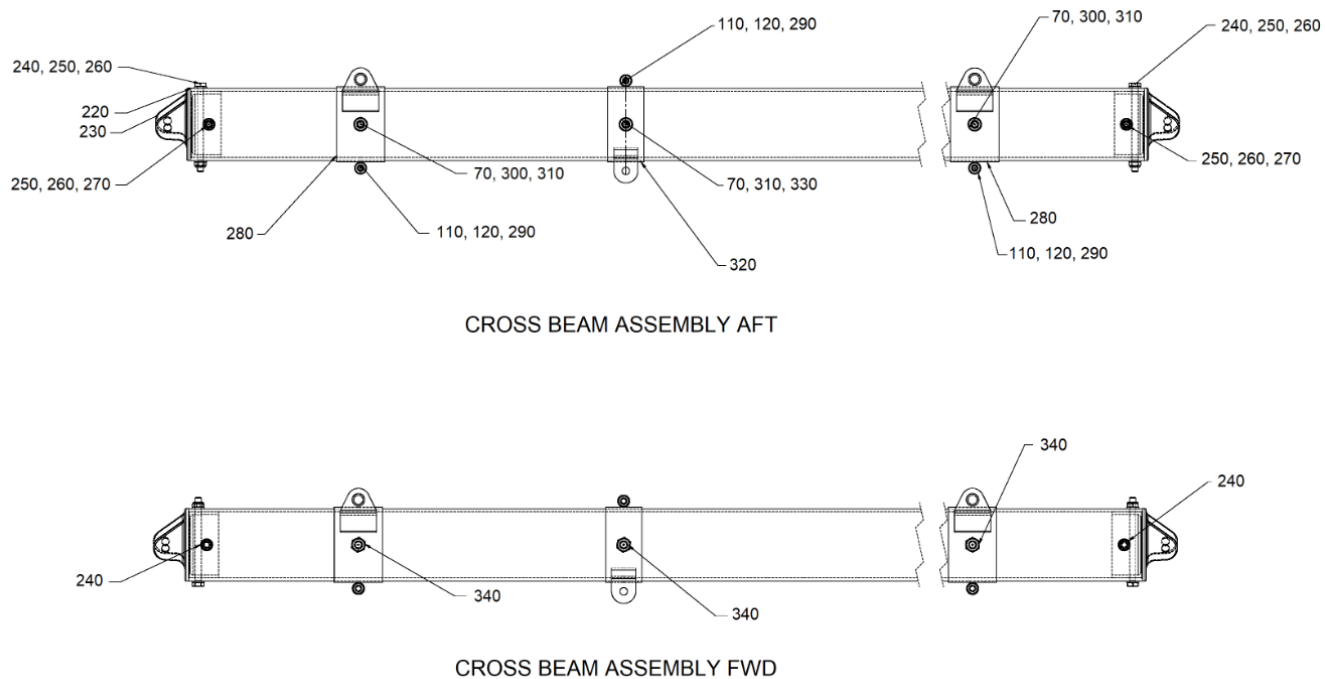
ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 1 of 3

FIGURE 7-20. LANDING GEAR ASSEMBLY

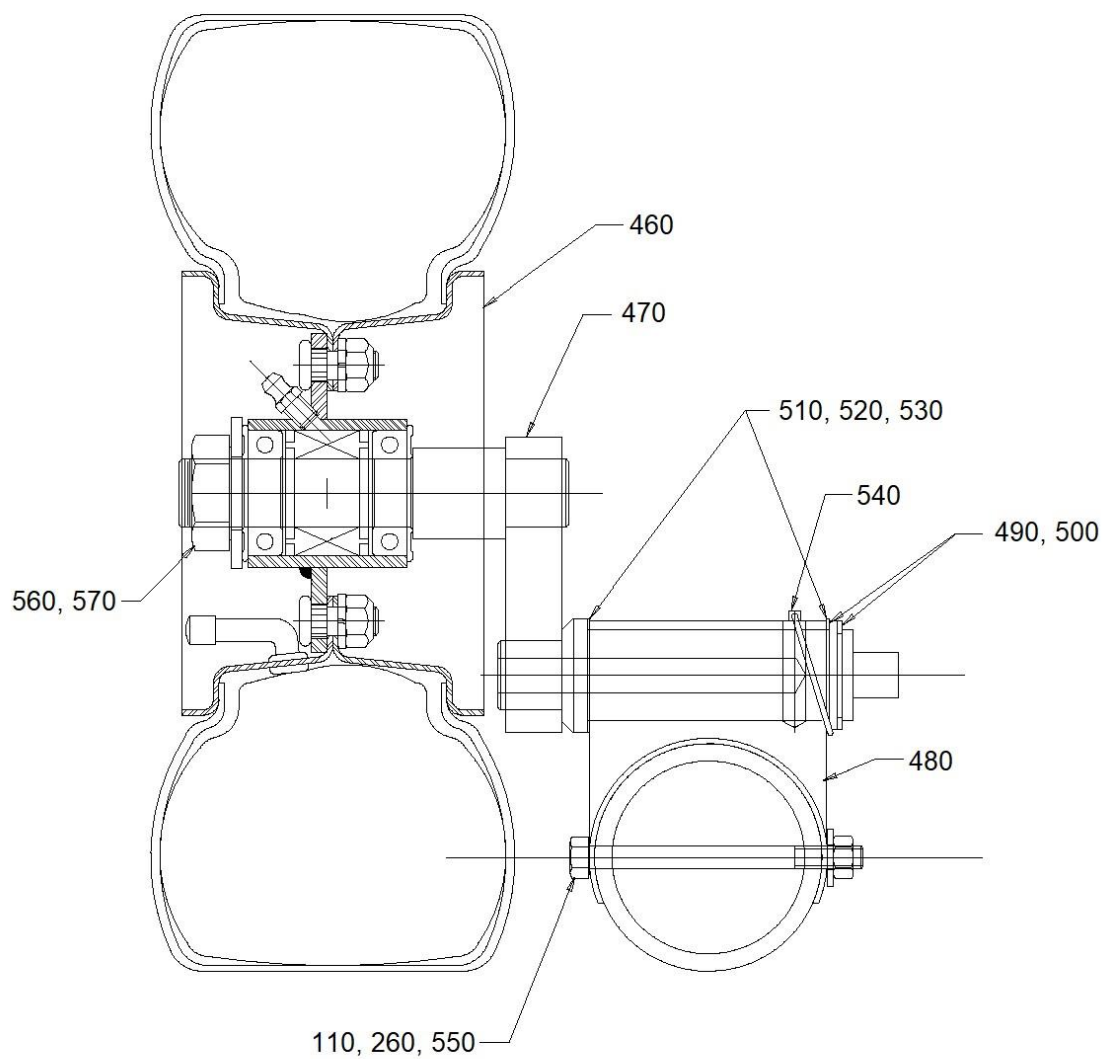
ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 2 of 3

FIGURE 7-20. LANDING GEAR ASSEMBLY

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



Sheet 3 of 3

FIGURE 7-20. LANDING GEAR ASSEMBLY

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-20. LANDING GEAR ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-17100-903	Skid Gear Assembly	REF	X	X	X	X	X	X	X
–	28-17100-907	Skid Gear Assembly (Floats)	REF	X		X		X		
–	28-17100-923	Skid Gear Assembly (Heavy Duty)	REF	X	X	X	X	X	X	X
–	28-17100-927	Skid Gear Assembly (Heavy Duty/Floats)	REF	X		X		X		X
10	28-17132-1	. Landing Gear Leg Assembly, Left Fwd	1	X	X	X	X	X	X	X
20	28-17132-2	. Landing Gear Leg Assembly, Right Fwd	1	X	X	X	X	X	X	X
30	28-17132-3	. Landing Gear Leg Assembly, Left Aft	1	X	X	X	X	X	X	X
40	28-17132-4	. Landing Gear Leg Assembly, Right Aft	1	X	X	X	X	X	X	X
50	28-17124-1	. Drag Strut	2	X	X	X	X	X	X	X
60	NAS6605-5	. Bolt	4	X	X	X	X	X	X	X
60	AN5-6A	. Bolt (Superseded by NAS6605-5)	4	X	X	X	X	X	X	X
70▲	MS21044N5	. Nut	A/R	X	X	X	X	X	X	X
70▲	AN365-524A	. Nut (Superseded by MS21044N5)	A/R	X	X	X	X	X	X	X
80	NAS1149F0532P	. Washer	48	X	X	X	X	X	X	X
80	AN960-516L	. Washer (Alternate)	48	X	X	X	X	X	X	X
85	NAS1149F0463P	. Washer	8	X	X	X	X	X	X	X
90	28-22421-1	. Weldment	4	X	X	X	X	X	X	X
90	28-17111-1	. Wear Plate (Replaced by 28-22421-1)	4	X	X	X	X	X	X	X
–*	X-1567	. Wing Walk	A/R	X	X	X	X	X	X	
100	NAS6604-42	. Bolt	12	X	X	X	X	X	X	X
100	AN4-30A	. Bolt (Superseded by NAS6604-42)	12	X	X	X	X	X	X	X
110▲	NAS1149F0432P	. Washer	24	X	X	X	X	X	X	X
110▲	AN960-416L	. Washer (Alternate)	24	X	X	X	X	X	X	X
120▲	MS21044N4	. Nut	20	X	X	X	X	X	X	X
120▲	AN365-428A	. Nut (Superseded by MS21044N4)	20	X	X	X	X	X	X	X
130	28-17104-1	. Wear Plate Weldment	2	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-20. LANDING GEAR ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
140	NAS6603-40	. Bolt	12	X	X	X	X	X	X	X
140	AN3-27A	. Bolt (Superseded by NAS6603-40)	12	X	X	X	X	X	X	X
150	NAS1149F0363P	. Washer	24	X	X	X	X	X	X	X
150	AN960-10	. Washer (Alternate)	24	X	X	X	X	X	X	X
160	MS21044N3	. Nut	12	X	X	X	X	X	X	X
160	AN365-1032A	. Nut (Superseded by MS21044N3)	12	X	X	X	X	X	X	X
170	28-17102-3	. Skid Member Assembly	2	X	X	X	X	X	X	X
180*	ECD085-3	. End Cap Assembly (Option)	2	X	X	X	X	X	X	X
—*	ECD085-1	. . End Cap Assembly	2	X	X	X	X	X	X	X
—*	ECD085-13	. . . Cap	2	X	X	X	X	X	X	X
—*	732RTV	. Silicone Sealant (Used with ECD085 only)	A/R	X	X	X	X	X	X	X
—**	28-17159-11	. End Cap	4	X	X	X	X	X	X	
—	28-17106-1	. Skid Plug, Fwd (Replaced by 28-17159-11)	2	X	X	X	X	X	X	
—	28-17106-2	. Skid Plug, Aft (Replaced by 28-17159-11)	2	X	X	X	X	X	X	
190	6 X 3/8	. PK Screw	4	X	X	X	X	X	X	X
200	28-17122-1	. Cross Beam Assembly, Aft	1	X	X	X	X	X	X	X
210	28-17122-5	. Cross Beam Assembly, Fwd	1	X	X	X	X	X	X	X
220▲	28-17122-3	. . Cross Tube	2	X	X	X	X	X	X	X
230▲	28-17129-1	. . End Fitting	4	X	X	X	X	X	X	X
240▲	NAS6604-50	. . Bolt	6	X	X	X	X	X	X	X
240▲	AN4-34A	. . Bolt (Superseded by NAS6603-50)	6	X	X	X	X	X	X	X
250▲	NAS1149F0463P	. . Washer	16	X	X	X	X	X	X	X
260▲	MS21083N4	. . Nut	8	X	X	X	X	X	X	X
270●	NAS6604-56	. . Bolt	2	X	X	X	X	X	X	X
270●	AN4-37A	. . Bolt (Superseded by NAS6604-56)	2	X	X	X	X	X	X	X
280▲	28-17101-7	. . Clamp Weldment - Skid Gear	4	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-20. LANDING GEAR ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
280▲	28-17101-1	. . Clamp Weldment – Skid Gear (Replaced by 28-17101-7)	4	X	X	X	X	X	X	X
290▲	NAS6604-17	. . Bolt	8	X	X	X	X	X	X	X
290▲	AN4-14A	. . Bolt (Superseded by NAS6604- 17)	8	X	X	X	X	X	X	X
300●	NAS6605-56	. . Bolt	2	X	X	X	X	X	X	X
300●	AN5-37A	. . Bolt (Superseded by NAS6605- 56)	2	X	X	X	X	X	X	X
310▲	NAS1149F0563P	. . Washer	20	X	X	X	X	X	X	X
320▲	28-17121-1	. . Pivot Clamp Weldment	4	X	X	X	X	X	X	X
330●	NAS6605-52	. . Bolt	2	X	X	X	X	X	X	X
330●	AN5-35A	. . Bolt (Superseded by NAS6605- 52)	2	X	X	X	X	X	X	X
340◆	28-17150-13	. . Bolt	4	X	X	X	X	X	X	X
350	28-17148-3	. Landing Gear Oleo	4		X		X		X	X
360	28-17148-5	. Landing Gear Oleo	4	X		X		X		
–	28-17123-1	. . Link	2	X	X	X	X	X	X	X
–370**	28-17148-7	. Landing Gear Oleo	4					X		
–**	28-17306-1	. . Link	2					X		
–	28-17135-11	. . Bolt	2	X	X	X	X	X	X	X
–	NAS1149F0532P	. . Washer	8	X	X	X	X	X	X	X
–	AN960-516L	. . Washer (Alternate)	8	X	X	X	X	X	X	X
–	MS21083N5	. . Nut	2	X	X	X	X	X	X	X
–	AN364-524A	. . Nut (Superseded by MS21083N5)	2	X	X	X	X	X	X	X
380	28-17166-1	. Cover - Aft Crosstube, L/H	1	X	X	X	X	X	X	X
–390	28-17166-2	. Cover - Aft Crosstube. R/H	1	X	X	X	X	X	X	X
400	NAS6605-23	. Bolt	8	X	X	X	X	X	X	X
400	AN5-17A	. Bolt (Superseded by NAS6605- 23)	8	X	X	X	X	X	X	X
410	CCR274SS-3-04	. Rivet	2	X	X	X	X	X	X	X
420	NAS6605-29	. Bolt	4	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-20. LANDING GEAR ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
420	AN5-22A	. Bolt (Superseded by NAS6605-29)	4	X	X	X	X	X	X	X
430	28-17150-1	. Frame Attaching Bolt	4	X	X	X	X	X	X	X
440	MS21083N6	. Nut	4	X	X	X	X	X	X	X
440	MS21044N6	. Nut (Replaced by MS21083N6)	4	X	X	X	X	X	X	X
450	NAS1149F0663P	. Washer	8	X	X	X	X	X	X	X
450	NAS1149F0632P	. Washer (Replaced by NAS1149F0663P)	8	X	X	X	X	X	X	X
—	28-17000-1	Ground Handling Wheel/Axle Installation	REF	X	X	X	X	X	X	X
460	ECD083-1	. Wheel Assembly	2	X	X	X	X	X	X	X
470	28-17002-11	. Axle Assembly	2	X	X	X	X	X	X	X
480	28-17001-101	. Bracket Assembly (Weldment)	2	X	X	X	X	X	X	X
490	28-17004-1	. Washer	2	X	X	X	X	X	X	X
500	5108-100	. Retaining Ring	2	X	X	X	X	X	X	X
510	28-17000-11	. Shim .020"	A/R	X	X	X	X	X	X	X
520	28-17000-13	. Shim .025"	A/R	X	X	X	X	X	X	X
530	28-17000-15	. Shim .035"	A/R	X	X	X	X	X	X	X
540	KLIK-1185	. Detent Pin	2	X	X	X	X	X	X	X
540	BLDS4-13W/LT	. Detent Pin (Replaced by KLIK-1185)	2	X	X	X	X	X	X	X
550	NAS6604-40	. Bolt	6	X	X	X	X	X	X	X
550	AN4-27A	. Bolt (Superseded by NAS6604-40)	6	X	X	X	X	X	X	X
560	MS21083N12	. Nut	2	X	X	X	X	X	X	X
560	AN364-1216A	. Nut (Superseded by MS21083N12)	2	X	X	X	X	X	X	X
570	NAS1149C1290R	. Washer	2	X	X	X	X	X	X	X
570	AN960-C1216	. Washer (Alternate)	2	X	X	X	X	X	X	X

* Used on aircraft equipped without floats.

** F-28F float installation only.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

- ▲ Parts used in 28-17122-1 and 28-17122-5 assemblies.
- Part used in 28-17122-1 assembly.
- ◆ Part used in 28-17122-5 assembly.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

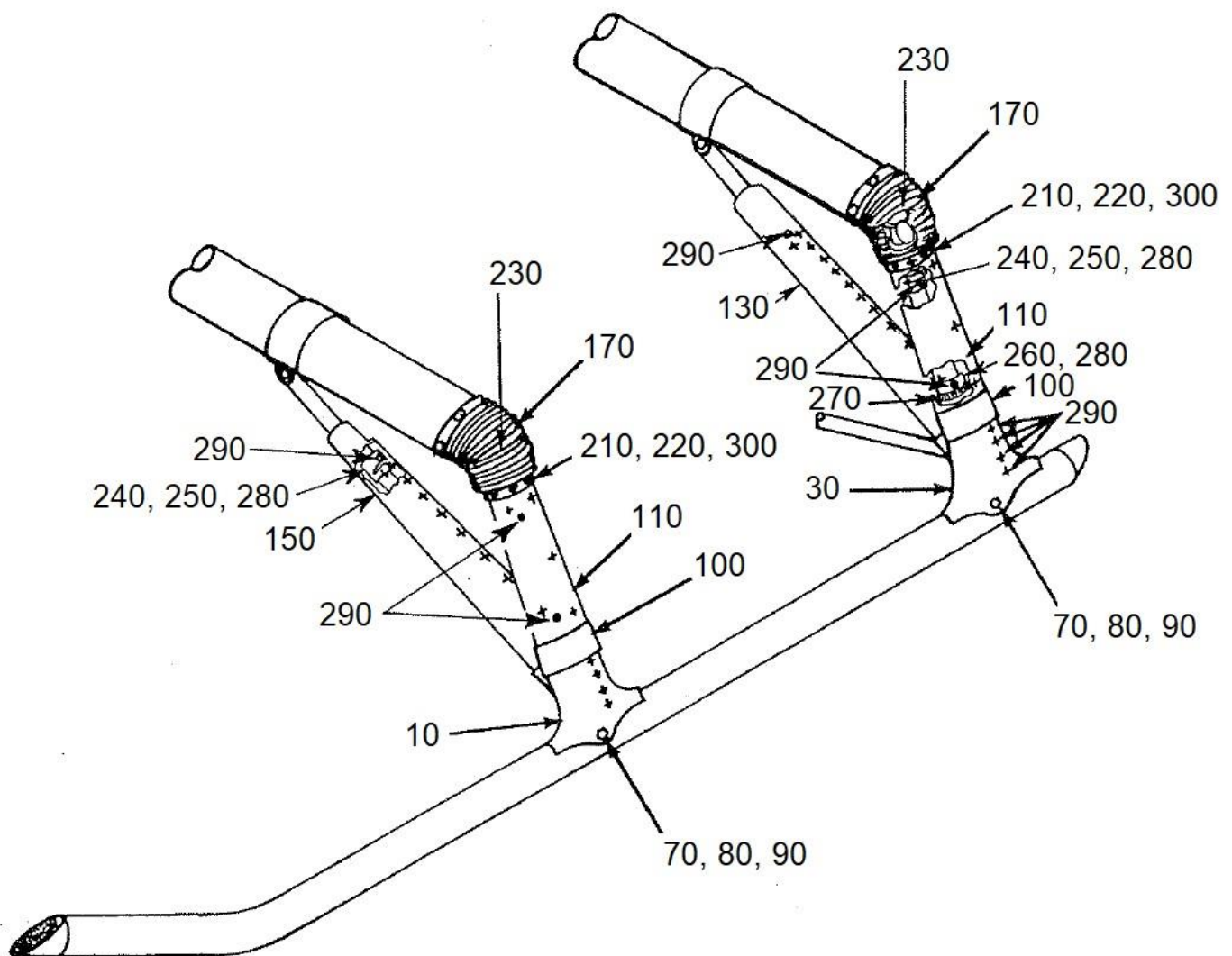


FIGURE 7-22. LANDING GEAR FAIRINGS

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-22. LANDING GEAR FAIRINGS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-17142-1	Fairings Assembly (No Step)	REF							X
–	28-17142-3	Fairings Assembly (No Step & Oleo Extenders)	REF							X
–	28-17142-5	Fairings Assembly (Step)	REF							X
–	28-17142-7	Fairings Assembly (Step & Oleo Extenders)	REF							X
10*	28-17141-1	. Fairing, L/H	1							X
–20*	28-17141-2	. Fairing, R/H	1							X
30	28-17141-3	. Fairing, L/H	1							X
–40	28-17141-4	. Fairing, R/H	1							X
–50●	28-17141-5	. Fairing, L/H	1							X
–60●	28-17141-6	. Fairing, R/H	1							X
70	NAS6604-44	. Bolt	4							X
70	AN4-31A	. Bolt (Superseded by NAS6604-44)	4							X
80	NAS1149F0432P	. Washer	8							X
80	AN960-416L	. Washer (Alternate)	8							X
90	MS20365-425	. Nut	4							X
90	AN365-425	. Nut (Alternate)	4							X
100	28-17120-11	. Sleeve	4							X
110	28-17108-1	. Fairing Assembly, L/H	2							X
–120	28-17108-2	. Fairing Assembly, R/H	2							X
130	28-17139-1	. Fairing, Aft, L/H	1							X
–140	28-17139-2	. Fairing, Aft, R/H	1							X
150	28-17139-3	. Fairing, Fwd, L/H	1							X
–160	28-17139-4	. Fairing, Fwd, R/H	1							X
170	28-17119-15	. Boot	4							X
170	28-17119-11	. Boot, L/H (Replaced by 28-17119-15)	2							X
–180	28-17119-12	. Boot, R/H (Replaced by 28-17119-15)	2							X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

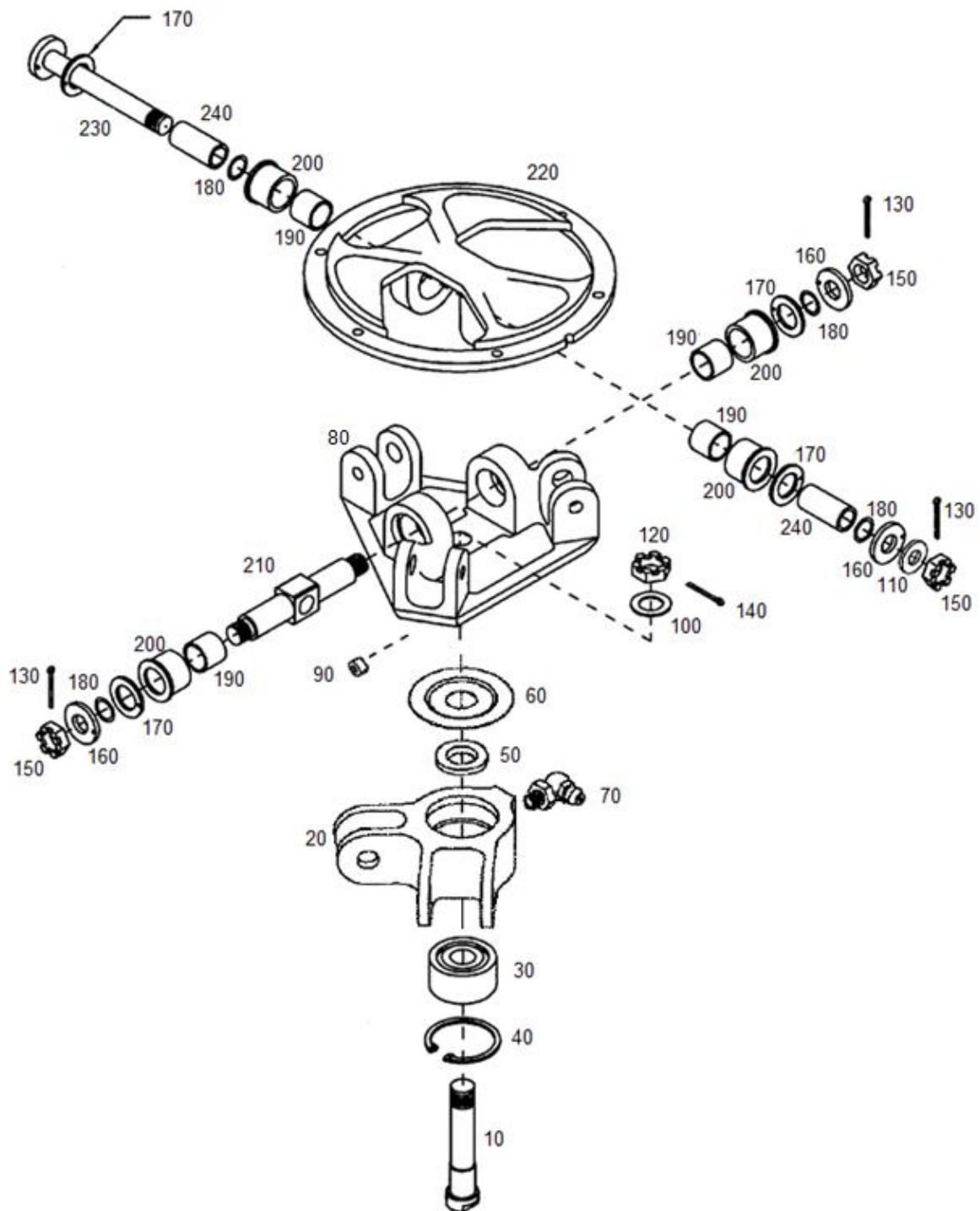


FIGURE 8-1. LOWER SWASHPLATE ASSEMBLY

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-1. LOWER SWASHPLATE ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—▲	28-16101-101	Lower Swashplate Assembly	REF	X	X	X	X	X	X	X
10Δ	28-16123-11	. Bolt	1	X	X	X	X	X	X	X
10Δ	28-16123-1	. Bolt (Superseded by 28-16123-11)	1	X	X	X	X	X	X	X
20	28-16361-1	. Housing	1	X	X	X	X	X	X	X
30	ECD009-11	. Bearing	1	X	X	X	X	X	X	X
40	N5002-125-PP	. Retaining Ring	1	X	X	X	X	X	X	X
50	28-16228-1	. Spacer	1	X	X	X	X	X	X	X
60	28-16387-1	. Slinger	1	X	X	X	X	X	X	X
70	H1911Z3	. Lube Fitting	1	X	X	X	X	X	X	X
70	1911-B1	. Lube Fitting (Alternate to H1911Z3))	1	X	X	X	X	X	X	X
70	H1637Z3	. Lube Fitting	1	X	X	X	X	X	X	X
70	1637-B	. Lube Fitting (Alternate to H1637Z3)	1	X	X	X	X	X	X	X
80*	28-16119-5	. Universal Housing (Lower) (Preferred Part)	1	X	X	X	X	X	X	X
80*	28-16119-3	. Universal Housing (Lower) (Alternate)	1	X	X	X	X	X	X	X
90	MS18066-14	. Set Screw (Used with 28-16119-5)	1	X	X	X	X	X	X	X
100	NAS1149F0732P	. Washer	1	X	X	X	X	X	X	X
100	AN960-716L	. Washer (Alternate)	1	X	X	X	X	X	X	X
110	NAS1149F0632P	. Washer	1	X	X	X	X	X	X	X
110	AN960-616L	. Washer (Alternate)	1	X	X	X	X	X	X	X
120	AN320-7	. Nut	1	X	X	X	X	X	X	X
120	F12NE4717-070	. Nut (Superseded by AN320-7)	1	X	X	X	X	X	X	X
130	MS24665-300	. Cotter Pin	3	X	X	X	X	X	X	X
140	MS24665-302	. Cotter Pin	1	X	X	X	X	X	X	X
140	AN381-3-16	. Cotter Pin (Superseded by MS24665-302)	4	X	X	X	X	X	X	X
150	AN320-6	. Nut	3	X	X	X	X	X	X	X
160	28-16227-3	. Washer Assembly	3	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-1. LOWER SWASHPLATE ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
170	28-16263-5	. DU Washer	4	X	X	X	X	X	X	X
180	28-16524-3	. Shim, .020"	A/R	X	X	X	X	X	X	X
180	28-16524-4	. Shim, .015"	A/R	X	X	X	X	X	X	X
180	28-16524-5	. Shim, .005"	A/R	X	X	X	X	X	X	X
180	28-16524-6	. Shim, .003"	A/R	X	X	X	X	X	X	X
180	28-16524-7	. Shim, .002"	A/R	X	X	X	X	X	X	X
180	28-16524-8	. Shim, .001"	A/R	X	X	X	X	X	X	X
190	08DU08	. Bearing	4	X	X	X	X	X	X	X
200	28-16226-5	. Sleeve	4	X	X	X	X	X	X	X
210	28-16223-19	. Shaft	1	X	X	X	X	X	X	X
220◆	28-16116-11	. Universal Housing (Upper)	1	X	X	X	X	X	X	X
220◆	28-16116-1	. Universal Housing (Upper) (Superseded by 28-16116-11)	1	X	X	X	X	X	X	X
230	28-16224-5	. Tie Rod Assembly	1	X	X	X	X	X	X	X
240	28-16225-19	. Spacer	2	X	X	X	X	X	X	X

▲ Available as a remanufactured part (-R).

* Effectivity F-28F S/N 825 – subsequent and 280FX S/N 2135 – subsequent. Retrofittable to F-28F S/N 509 – subsequent and 280FX S/N 2001 – subsequent.

◆ Effectivity F-28F S/N 831 – subsequent and 280FX S/N 2136 – subsequent. Retrofittable to F-28F S/N 509 – subsequent and 280FX S/N 2001 – subsequent.

△ Effectivity F-28F S/N 833 – subsequent and 280FX S/N 2148 – subsequent. Retrofittable to F-28F S/N 509 – subsequent and 280FX S/N 2001 – subsequent.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

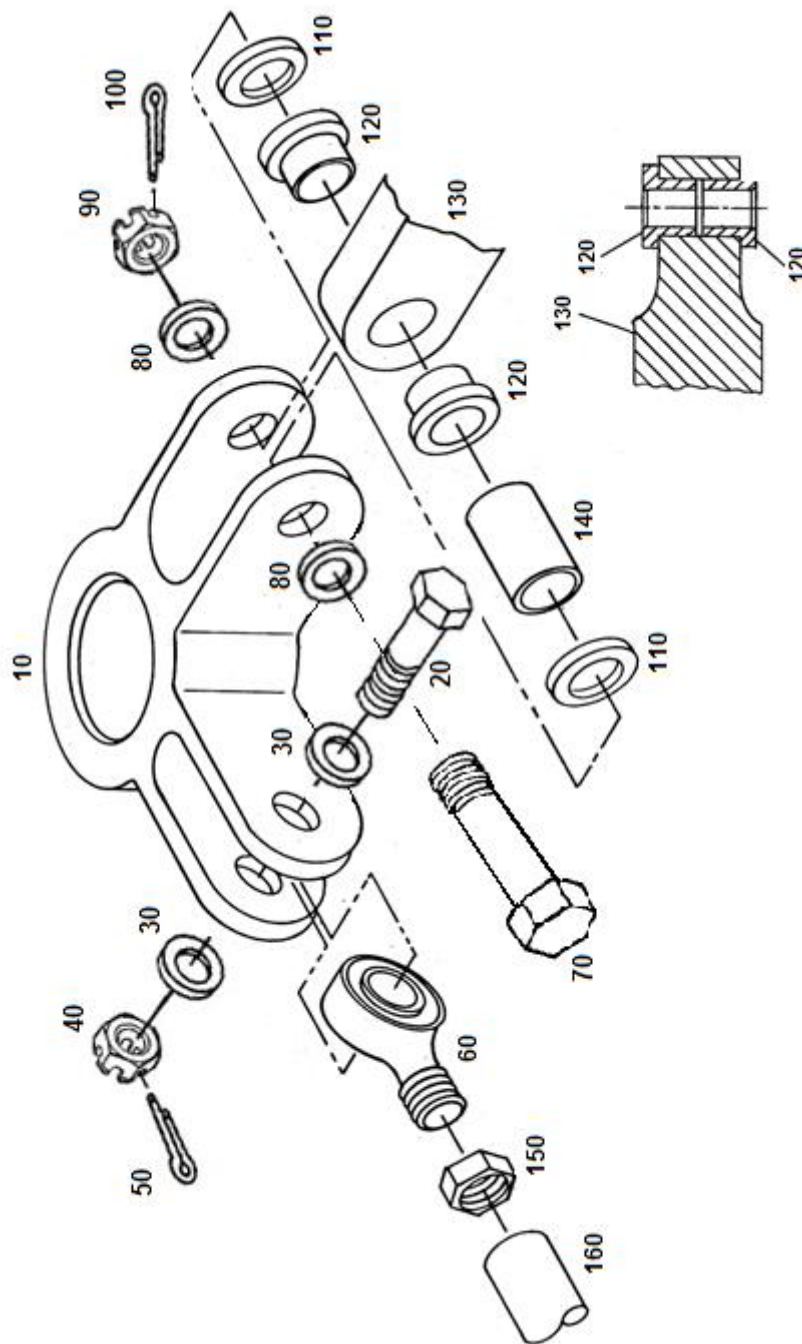


FIGURE 8-3. LOWER SWASHPLATE CONTROL ROD ATTACHMENT

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-3. LOWER SWASHPLATE CONTROL ROD ATTACHMENT

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-16024	Cyclic Control System Installation	REF	X	X	X	X	X	X	X
10	28-16361-1	. Bearing Housing	1	X	X	X	X	X	X	X
20	NAS6605D13	. Bolt	1	X	X	X	X	X	X	X
20	AN5-12	. Bolt (Superseded by NAS6605D13)	1	X	X	X	X	X	X	X
30	NAS1149F0563P	. Washer	2	X	X	X	X	X	X	X
30	AN960-516	. Washer (Alternate)	2	X	X	X	X	X	X	X
40	MS17825-5	. Nut	1	X	X	X	X	X	X	X
40	F12NE-4753-054	. Nut (Superseded by MS17825-5)	1	X	X	X	X	X	X	X
50	MS24665-152	. Cotter Pin	1	X	X	X	X	X	X	X
50	AN381-2-10	. Cotter Pin (Superseded by MS24665-152)	1	X	X	X	X	X	X	X
60	HMVV-5M	. Rod End	1	X	X	X	X	X	X	X
60	HMVV-5	. Rod End (Superseded by HMVV- 5M)	1	X	X	X	X	X	X	X
70	NAS6604D17	. Bolt	1	X	X	X	X	X	X	X
70	AN4-14	. Bolt (Superseded by NAS6604D17)	1	X	X	X	X	X	X	X
80	NAS1149F0463P	. Washer	2	X	X	X	X	X	X	X
80	AN960-416	. Washer (Alternate)	2	X	X	X	X	X	X	X
90	MS17825-4	. Nut	2	X	X	X	X	X	X	X
90	F12NE-4753-048	. Nut (Superseded by MS17825-4)	1	X	X	X	X	X	X	X
100	MS24665-151	. Cotter Pin	1	X	X	X	X	X	X	X
100	AN381-2-8	. Cotter Pin (Superseded by MS24665-151)	1	X	X	X	X	X	X	X
110	ECD050-11	. 1/4 Washer	2	X	X	X	X	X	X	X
110	1/4 Harper	. Washer (Superseded by ECD050-11)	2	X	X	X	X	X	X	X
120	28-16156-1	. Bearing	2	X	X	X	X	X	X	X
130	28-16198-1	. Push-Pull Rod	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

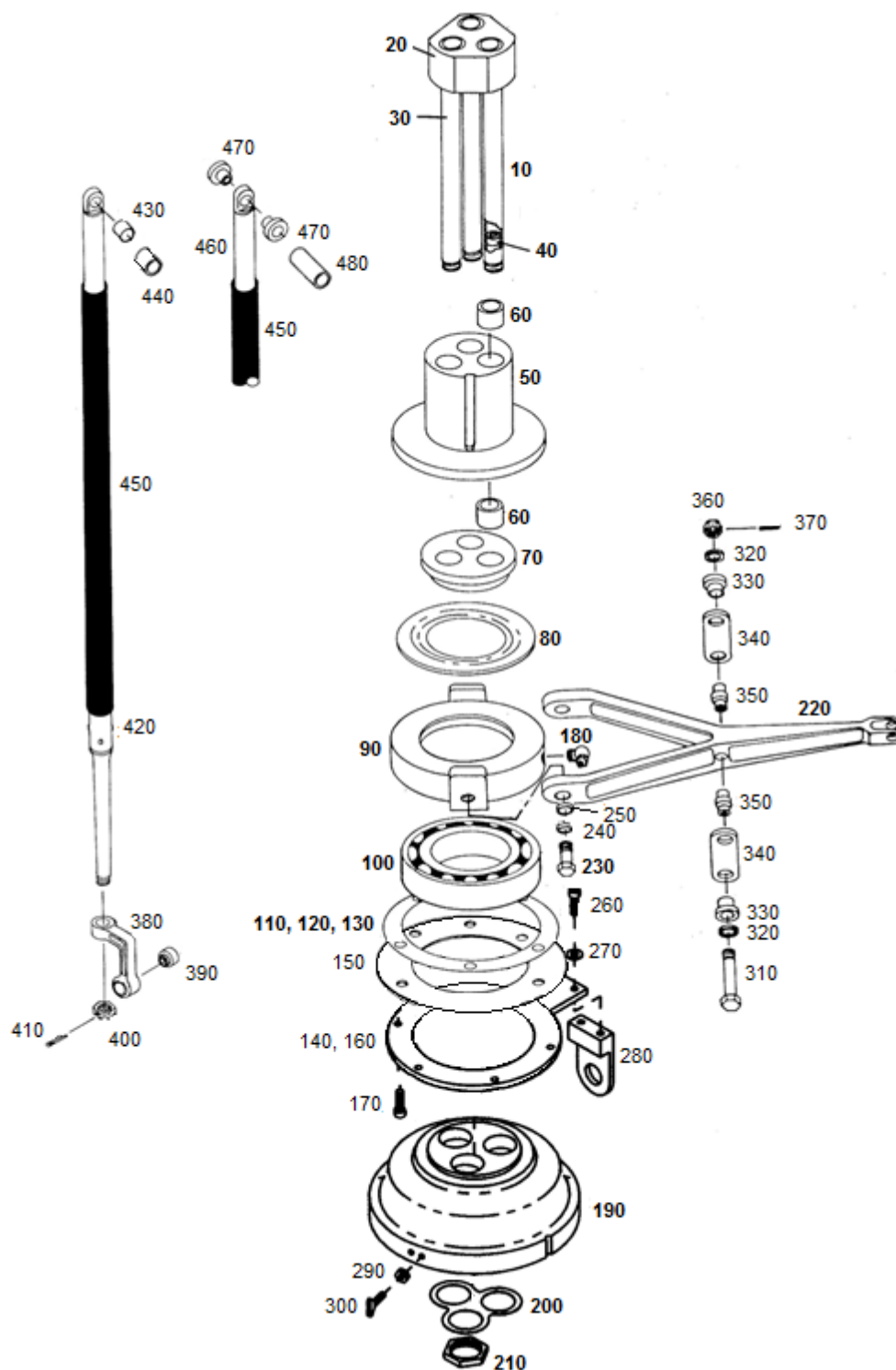


FIGURE 8-3A. UPPER SWASHPLATE ASSEMBLY & CONTROL ATTACHMENT

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-3A. UPPER SWASHPLATE ASSEMBLY & CONTROL ATTACHMENT

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
– ▼	28-16101-107	Upper Swashplate Assembly	REF	X	X	X	X	X	X	X
10	28-16260-1	. Shaft Guide Assembly	1	X	X	X	X	X	X	X
20	28-16259-1	. . Retainer	1	X	X	X	X	X	X	X
30	28-16105-1	. . Shaft Guide	3	X	X	X	X	X	X	X
40	28-16264-1	. . Bushing	3	X	X	X	X	X	X	X
50	28-16103-1	. Housing	1	X	X	X	X	X	X	X
60	16-DU-14	. . Bearing	6	X	X	X	X	X	X	X
60	16-DU-16	. . Bearing (Alternate to 16-DU-14)	6	X	X	X	X	X	X	X
60	16-DU-12	. . Bearing (Superseded by 16-DU-16)	6	X	X	X	X	X	X	X
70	28-16106-2	. Bearing Spacer	1	X	X	X	X	X	X	X
80	28-16386-1	. Slinger	1	X	X	X	X	X	X	X
90	28-16108-11	. Bearing Housing	1	X	X	X	X	X	X	X
90	28-16108-2	. Bearing Housing (Superseded by 28-16108-11)	1	X	X	X	X	X	X	X
100	ECD013-11	. Bearing (Used with 28-16108-11)	1	X	X	X	X	X	X	X
–	ECD013-13	. Bearing (Used with 28-16108-2)	1	X	X	X	X	X	X	X
110	28-16125-3	. Shim .005	A/R	X	X	X	X	X	X	X
120	28-16125-4	. Shim .003	A/R	X	X	X	X	X	X	X
130	28-16125-5	. Shim .002	A/R	X	X	X	X	X	X	X
140**	28-16043-19	. Bracket Retainer	1	X	X	X	X	X	X	X
150∞	28-16389-2	. Seal Retainer (Superseded by 28-16043-19)	1	X	X	X	X	X	X	X
160∞	28-16110-1	. Retainer (Superseded by 28-16043-19)	1	X	X	X	X	X	X	X
170	AN503-10-10	. Screw	6	X	X	X	X	X	X	X
180	H1637Z3	. Lube Fitting	1	X	X	X	X	X	X	X
180	1637-B1	. Lube Fitting (Alternate)	1	X	X	X	X	X	X	X
180	H1911Z3	. Lube Fitting	1	X	X	X	X	X	X	X
180	1911-B	. Lube Fitting (Alternate)	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-3A. UPPER SWASHPLATE ASSEMBLY & CONTROL ATTACHMENT

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
190	28-16112-17	. Housing	1	X	X	X	X	X	X	X
190	28-16112-15	. Housing (Superseded by 28-16112-17)	1	X	X	X	X	X	X	X
200	28-16126-1	. Lock Plate	1	X	X	X	X	X	X	X
210	28-16113-1	. Nut	3	X	X	X	X	X	X	X
220	28-16131-11	. Walking Beam	1	X	X	X	X	X	X	X
220	28-16131-1	. Walking Beam (Superseded by 28-16131-11)	1	X	X	X	X	X	X	X
230	28-16109-1	. Bolt (Used with 28-16108-2)	2	X	X	X	X	X	X	X
230▲	28-16109-11	. Bolt (Used with 28-16108-11)	2	X	X	X	X	X	X	X
240	28-16109-13	. Bushing (Used with 28-16108-11)	2	X	X	X	X	X	X	X
250	LHSSE-5	. Spherical Bearing	2	X	X	X	X	X	X	X
—◇	28-22350-1	Kit Installation	REF	X	X	X	X	X	X	X
260◇	NAS1101-3-10	. Screw	2	X	X	X	X	X	X	X
260◇	AN502-10-10	. Screw (Superseded by NAS1101-3-10)	2	X	X	X	X	X	X	X
270◇	NAS1149F0332P	. Washer	2	X	X	X	X	X	X	X
270◇	AN960-10L	. Washer (Alternate)	2	X	X	X	X	X	X	X
280◇	28-16043-13	. Interrupter Bracket	1	X	X	X	X	X	X	X
290◇	MS35649-282	. Nut	4	X	X	X	X	X	X	X
290◇	AN340-832	. Nut (Superseded by MS35649-282)	4	X	X	X	X	X	X	X
300◇	28-16043-15	. Interrupter Tab	4	X	X	X	X	X	X	X
310	NAS6604D31	. Bolt	2	X	X	X	X	X	X	X
310	AN4-23	. Bolt (Superseded by NAS6604D31)	2	X	X	X	X	X	X	X
320	ECD050-11	. 1/4 Washer	4	X	X	X	X	X	X	
—	28-16132-1	. Support Link Assembly	2	X	X	X	X	X	X	X
330	28-16132-4	. . Bearing	2	X	X	X	X	X	X	X
340	28-16132-3	. . Link Support	1	X	X	X	X	X	X	X
350	28-16133-1	. Bushing	2	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-3A. UPPER SWASHPLATE ASSEMBLY & CONTROL ATTACHMENT

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
360	MS17825-4	. Nut	2	X	X	X	X	X	X	
360	F12NE-4753-048	. Nut (Superseded by MS17825-4)	2	X	X	X	X	X	X	
370	MS24665-1013	. Cotter Pin	2	X	X	X	X	X	X	
370	AN381-2-7	. Cotter Pin (Superseded by MS24665-1013)	2	X	X	X	X	X	X	
380	28-16143-3	. Dog Leg Rod End	3	X	X	X	X	X	X	X
380	28-16143-1	. Dog Leg Rod End (Superseded by 28-16143-3)	3	X	X	X	X	X	X	X
390	ECD030-11	. . Bearing	3	X	X	X	X	X	X	X
400	AN320-8	. Nut	3	X	X	X	X	X	X	X
410	MS24665-302	. Cotter Pin	3	X	X	X	X	X	X	X
410	AN381-3-16	. Cotter Pin (Superseded by MS24665-302)	3	X	X	X	X	X	X	X
420♦	28-16253-103	. Push-Pull Rod Assy.	3					X		X
420*	28-16253-101	. Push-Pull Rod Assy. (Replaced by 28-16253-103)	3	X	X	X	X	X	X	X
430	M81934/1-08C012	. . Bearing (Used with 28-16253-103)	3					X	X	X
430	MS21240-08C12	. . Bearing (Superseded by M81934/1-08C012)	3					X	X	X
440»	28-16336-11	. . Bushing (Used with 28-16253-103)	3					X	X	X
450	28-16253-8	. . Shrink Tube	1	X	X	X	X	X	X	X
450	28-16253-6	. . Shrink Tube (Superseded by 28-16253-8)	1	X	X	X	X	X	X	X
460*†	28-16253-105	. . Push-Pull Rod Assy.	1	X	X	X	X	X	X	
460*	28-16253-1	. . Push-Pull Rod Assy. (Replaced by 28-16253-105)	1	X	X	X	X	X	X	X
470	28-16201-1	. . Bushing	2	X	X	X	X	X	X	
480	28-16203-1	. . Spacer (Used with 28-16253-105)	3	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

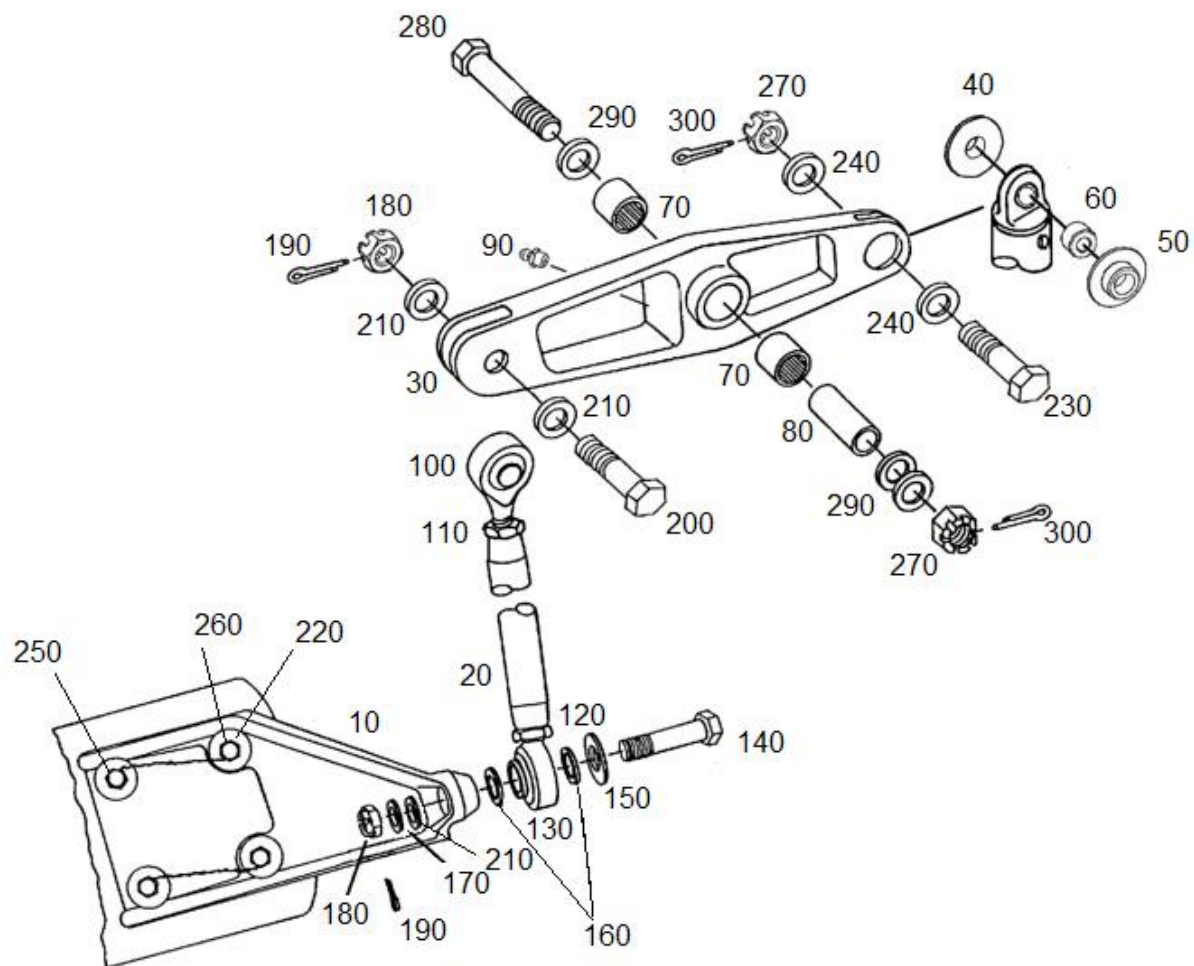


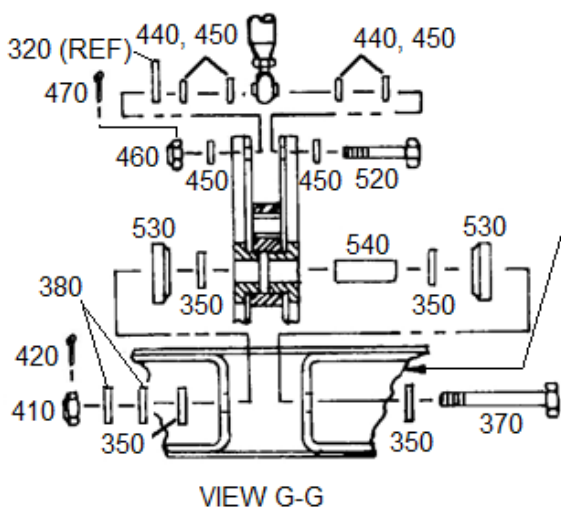
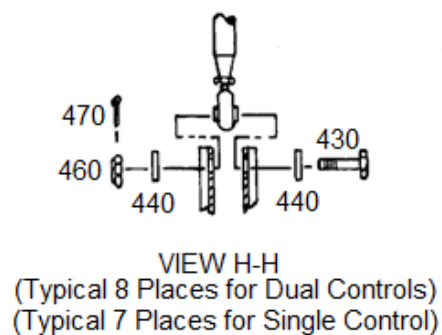
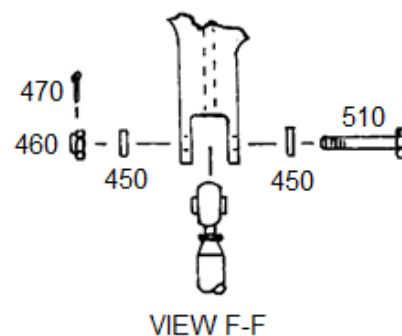
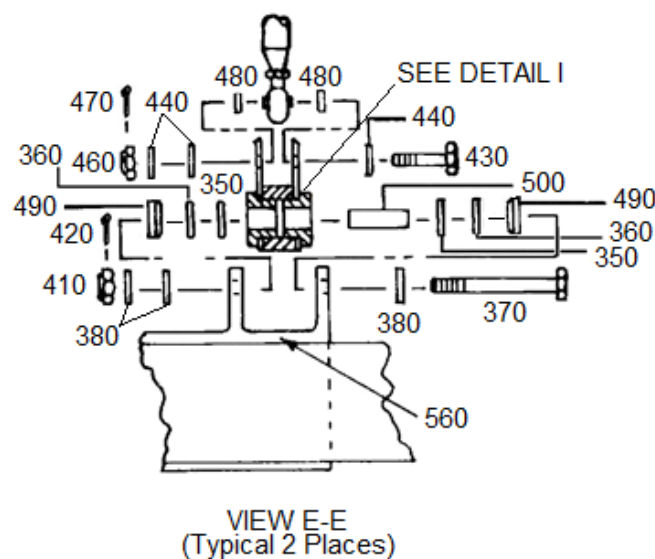
FIGURE 8-4. MAIN ROTOR PITCH CHANGE CONTROLS

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

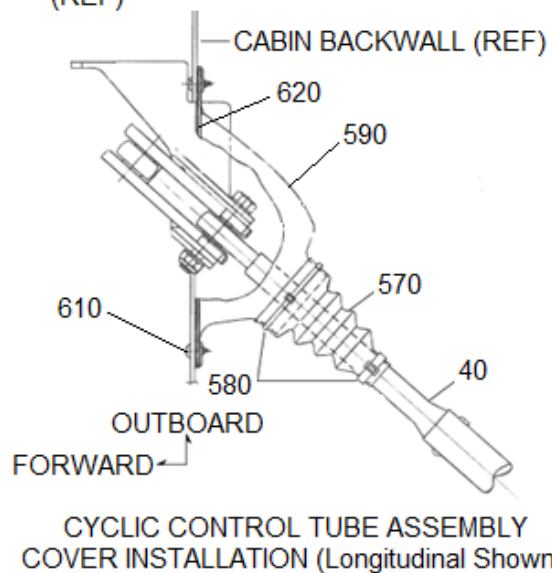
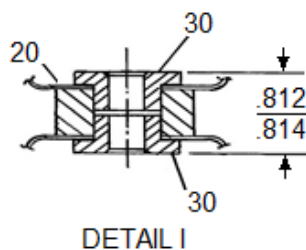
FIGURE 8-4. MAIN ROTOR PITCH CHANGE CONTROLS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
– ▼	28-16101-105	Main Rotor Rotating Controls - Installation	REF	X	X	X	X	X	X	X
10	28-14278-1	. . Pitch Arm	3	X	X	X	X	X	X	X
20	28-16206-11	. Barrel	3	X	X	X	X	X	X	X
30	28-14207-101	. Walking Beam Assembly	3	X	X	X	X	X	X	X
30	28-14207-7	. Walking Beam Assembly (Obsolete)	3					X	X	X
30	28-14207-1	. Walking Beam Assembly (Obsolete)	3	X	X	X	X	X	X	X
40	28-14250-1	. . Bushing (Flange) (Used with 28-14207-7 & 28-14207-101)	1					X	X	X
50	28-14250-3	. . Bushing (Flange) (Used with 28-14207-7 & 28-14207-101)	1					X	X	X
60	28-16336-11	. Bushing (Used with 28-14207-7 & 28-14207-101))	1					X	X	X
60	28-16203-1	. Spacer, (Used with 28-14207-7)	1	X	X	X	X	X	X	X
70	GB-910	. . Bearing	2	X	X	X	X	X	X	X
80	28-14262-1	. Race	3	X	X	X	X	X	X	X
90	H1641Z3	. . Lube Fitting	1	X	X	X	X	X	X	X
90	1641-B	. . Lube Fitting (Alternate)	1	X	X	X	X	X	X	X
100	01-691-05	. Rod End	3	X	X	X	X	X	X	X
110	AN316-5R	. Nut	3	X	X	X	X	X	X	X
120	AN316-5L	. Nut	3	X	X	X	X	X	X	X
130	11-691-05	. Rod End	3	X	X	X	X	X	X	X
140	NAS6605D21	. Bolt	3	X	X	X	X	X	X	X
140	AN5-16	. Bolt (Superseded by NAS6605D21)	3	X	X	X	X	X	X	X
150	ECD050-19	. 5/16 Washer	3	X	X	X	X	X	X	X
150	5/16 HARPER	. Flat Washer (Superseded by ECD050-19)	3	X	X	X	X	X	X	X
160	28-14259-3	. Washer	6	X	X	X	X	X	X	X
170	NAS1149F0563P	. Washer	3	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



FORE AND AFT BELLCRANK
SUPPORT BEAM
(REF)



Sheet 3 of 3

FIGURE 8-5. CYCLIC CONTROL ASSEMBLY

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-5. CYCLIC CONTROL ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—♦†	28-16024	Cyclic Control System Installation	REF	X	X	X	X	X	X	X
10	28-16197-1	. Push-Pull Rod Assembly	1	X	X	X	X	X	X	X
20**	28-16218-1	. Bellcrank Assembly	2	X	X	X	X	X	X	X
30**	28-16156-1	. . Bearing	2	X	X	X	X	X	X	X
40	28-16198-1	. Push-Pull Rod Assembly	1	X	X	X	X	X	X	X
50	28-16190-1	. Push-Pull Rod Assembly	1	X	X	X	X	X	X	X
60	28-16191-1	. Push-Pull Rod Assembly	1	X	X	X	X	X	X	X
70	28-16158-1	. Bellcrank Assembly	1	X	X	X	X	X	X	X
80	28-16159-1	. Bellcrank Assembly	1	X	X	X	X	X	X	X
90♦	28-16155-5	. Push-Pull Rod	2	X	X	X	X	X	X	X
100♦	28-16192-1	. Push-Pull Rod Assembly	2	X	X	X	X	X	X	X
110	28-16160-7	. Bellcrank Assembly	1	X	X	X	X	X	X	X
110	28-16160-1	. Bellcrank Assembly (Superseded by 28-16160-7)	1	X	X	X	X			
120	28-16155-4	. Push-Pull Rod	1	X	X	X	X	X	X	X
130	28-19021-2	. Cyclic Stick Assembly (Pilot, Chrome, Long) (Superseded by 28-19021-15)	1	X	X	X	X	X	X	X
—130A	28-19021-15	. Cyclic Stick Assembly (Pilot, Chrome, Long)	1	X	X	X	X	X	X	X
—130B◇	28-19021-13	. Cyclic Stick Assembly (Pilot, Chrome, Long)	1	X	X	X	X	X	X	X
—130C	28-19021-19	. Cyclic Stick Assembly (Pilot, Chrome, Long)	1	X	X	X	X	X	X	X
—130D	28-19021-23	. Cyclic Stick Assembly (Pilot, Chrome, Long)	1	X	X	X	X	X	X	X
—130E	28-19021-25	. Cyclic Stick Assembly (Pilot, Chrome, Long)	1	X	X	X	X	X	X	X
—130F▲◇	28-19021-35	. Cyclic Stick Assembly (Pilot, Flat Black, Long)	1	X	X	X	X	X	X	X
—130G▲	28-19021-37	. Cyclic Stick Assembly (Pilot, Flat Black, Long)	1	X	X	X	X	X	X	X
140»	28-19021-31	. Cyclic Stick Assembly (Pilot, Chrome, Short)	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-5. CYCLIC CONTROL ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
-140A▲	28-19021-41	. Cyclic Stick Assembly (Pilot, Flat Black, Short)	1	X	X	X	X	X	X	X
150◆	28-19021-3	. Cyclic Stick Assembly (Co-Pilot, Chrome, Long) (Superseded by 28-19021-17)	2	X	X	X	X	X	X	X
-150A◆	28-19021-17	. Cyclic Stick Assembly (Co-Pilot, Chrome, Long)	2	X	X	X	X	X	X	X
-150B	28-19021-21	. Cyclic Stick Assembly (Co-Pilot, Chrome, Long)	1	X	X	X	X	X	X	X
-150C	28-19021-27	. Cyclic Stick Assembly (Co-Pilot, Chrome, Long)	1	X	X	X	X	X	X	X
160∞	28-19021-29	. Cyclic Stick Assembly (Chrome, Long)	1	X	X	X	X	X	X	X
-160A∞*	28-19021-39	. Cyclic Stick Assembly (Flat Black, Long)	1	X	X	X	X	X	X	X
170∞	28-19021-33	. Cyclic Stick Assembly (Chrome, Short)	1	X	X	X	X	X	X	X
-170A∞±	28-19021-43	. Cyclic Stick Assembly (Flat Black, Short)	1	X	X	X	X	X	X	X
180◆	G-38517-B-7-A	. . Grip	2	X	X	X	X	X	X	
-180A	28-16026-1	. . Cyclic Stick Grip Assembly (Used with Items 130 and -130A)	1	X	X	X	X	X	X	X
-180B	28-16026-3	. . Cyclic Stick Grip Assembly (Used with Items -130B and -130F)	1	X	X	X	X	X	X	X
-180C	28-16026-5	. . Cyclic Stick Grip Assembly (Used with Item -130C)	1	X	X	X	X	X	X	X
-180D	28-16026-7	. . Cyclic Stick Grip Assembly (Used with Item -130D)	1	X	X	X	X	X	X	X
-180E	28-16026-9	. . Cyclic Stick Grip Assembly (Used with Items -130E, 140, and -140A)	1	X	X	X	X	X	X	X
-180F	A-218-938517-00	. . Grip Type B-7-A (Used with Items 150 and -150A)	2	X	X	X	X	X	X	X
-180G	702-5123	. . Grip (Used with Item -150B)	1			X	X	X		X
-180H	702-5130	. . Grip (Used with Item -150C)	1			X	X	X		X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-5. CYCLIC CONTROL ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
-180I	G2-0032	. . Grip (Used with Items 160, -160A, 170, and -170A)	1					X		X
-	28-16136-1	. . Cyclic Stick (Chrome, Long) (Used in 28-19021-13, -25, and -29)	1	X	X	X	X	X	X	X
-	28-16136-5	. . Cyclic Stick (Chrome, Short) (Used in 28-19021-31 and -33)	1	X	X	X	X	X	X	X
-	28-16136-101	. . Cyclic Stick (Flat Black, Long) (Used in 28-19021-35, -37, and -39)	1	X	X	X	X	X	X	X
-	28-16136-103	. . Cyclic Stick (Flat Black, Short) (Used in 28-19021-41 and -43)	1	X	X	X	X	X	X	X
190♦	206036-1	. . Receptacle	2	X	X	X	X	X	X	X
190♦	67-02-E-18-64S	. . Cannon Plug (Superseded by 206036-1)	2	X	X	X	X	X	X	X
200♦	206037-1	. . Plug	2	X	X	X	X	X	X	X
200♦	67-06-C-18-64P	. . Cannon Plug (Superseded by 206037-1)	2	X	X	X	X	X	X	X
200A♦	206044-1	. . Plug (Used with 28-19021-13 and -35)	2	X	X	X	X	X	X	X
210♦	206070-1	. . Clamp	2	X	X	X	X	X	X	X
210A♦	206322-1	. . Clamp (Used with 28-19021-13 and -35)	2	X	X	X	X	X	X	X
220♦	28-16145-1	. Bearing Housing Assembly	2	X	X	X	X	X	X	X
230♦	16DU12	. Bearing	2	X	X	X	X	X	X	X
240♦	NAS6603-1	. Bolt	12	X	X	X	X	X	X	X
240♦	AN3-3A	. Bolt (Superseded by NAS6603-1)	12	X	X	X	X	X	X	X
250♦	NAS1149F0332P	. Washer	36	X	X	X	X	X	X	X
250♦	AN960-10L	. Washer (Alternate)	36	X	X	X	X	X	X	X
260♦	MS20364-1032	. Nut	18	X	X	X	X	X	X	X
260♦	AN364-1032	. Nut (Alternate)	18	X	X	X	X	X	X	X
270♦	HMLVV-5M	. Rod End	9	X	X	X	X	X	X	X
→♦	AN316-5L	. Check Nut	9	X	X	X	X	X	X	X
280♦	HMVV-5M	. Rod End	8	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-5. CYCLIC CONTROL ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
570	LDF-6-228	. Boot	2	X	X	X	X	X	X	X
580	SST25-MP	. Cable Tie	4	X	X	X	X	X	X	X
590	28-12719-11	. Cover (R.H.)	1	X	X	X	X	X	X	X
-600	28-12719-12	. Cover (L.H.)	1	X	X	X	X	X	X	X
610	6RX1/2	. Screw	8	X	X	X	X	X	X	X
620	4508-75	. 1/8" Foam Tape	A/R	X	X	X	X	X	X	X

◇ Cargo hook option.

** If new 28-16156-1 bearings are installed in 28-16218-1 bellcrank; machine bearings per dimension specified (Figure 8-5, Sheet 3).

† See also Figure 8-5.1. for additional installation detail.

◆ Quantities listed represent cyclic system dual control installation where applicable.

▲ Effectivity F-28F S/N 831 and subsequent; 280FX S/N 2141 and subsequent.

» Effectivity F-28F S/N 817 and subsequent; 280FX S/N 2108 and subsequent.

∞ Effectivity F-28F S/N 833 and subsequent; 280FX S/N 2167 and subsequent.

* Use 28-19021-39 in 28-16024-113 installation. 28-19021-29 is an acceptable alternate when a chrome cyclic is required.

± Use 28-19021-43 in 28-16024-117 installation. 28-19021-33 is an acceptable alternate when a chrome cyclic is required.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

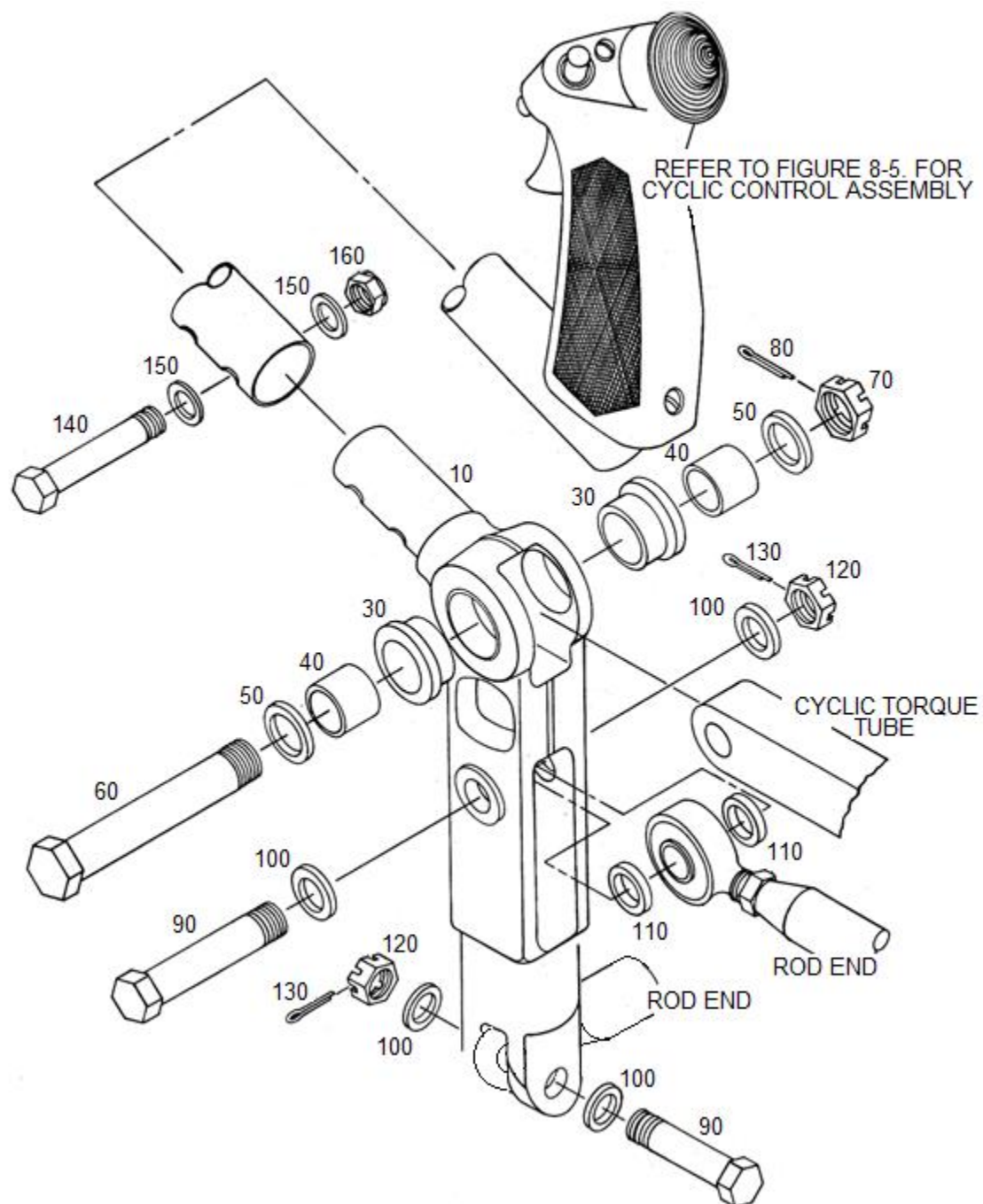


FIGURE 8-5A. CYCLIC CONTROL STICK INSTALLATION

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-5A. CYCLIC CONTROL STICK INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-16024-911	Cyclic Stick Fitting (Replaces 28-16183-901)	REF	X	X	X	X	X	X	X
–	28-16024-912	Cyclic Stick Fitting (Alternate to 28-16024-911)	REF	X	X	X	X	X	X	X
10	28-16183-1	. Cyclic Stick Fitting	2	X	X	X	X	X	X	X
10	28-16183-901	. Cyclic Stick Fitting (Obsolete)	2	X	X	X	X	X	X	X
–20	28-16390-11	. Cyclic Stick Fitting (Used with 28-16024-912) (Alternate to 28-16183-1)	2	X	X	X	X	X	X	X
30	28-16150-1	. Flanged Bearing	4	X	X	X	X	X	X	X
40	28-16148-3	. Spacer	4	X	X	X	X	X	X	X
40	28-16148-1	. Spacer (Superseded by 28-16148-3)	4	X	X	X	X	X	X	X
–	28-16524-	. Shims	A/R	X	X	X	X	X	X	X
50	28-16056-1	. Washer	4	X	X	X	X	X	X	X
60	NAS6606D25	. Bolt	2	X	X	X	X	X	X	X
60	AN6-22	. Bolt (Superseded by NAS6606D25)	2	X	X	X	X	X	X	X
70	MS17825-6	. Nut	2	X	X	X	X	X	X	X
70	F12NE-4753-064	. Nut (Superseded by MS17825-6)	2	X	X	X	X	X	X	X
80	MS24665-300	. Cotter Pin	2	X	X	X	X	X	X	X
80	AN381-3-12	. Pin (Superseded by MS24665-300)	2	X	X	X	X	X	X	X
90	NAS6605D15	. Bolt	4	X	X	X	X	X	X	X
90	AN5-13	. Bolt (Superseded by NAS6605D15)	4	X	X	X	X	X	X	X
100	NAS1149F0532P	. Washer	8	X	X	X	X	X	X	X
100	AN960-516L	. Washer (Alternate)	8	X	X	X	X	X	X	X
110	28-16057-1	. Spacer	4	X	X	X	X	X	X	X
120	MS17825-5	. Nut	4	X	X	X	X	X	X	X
120	F12NE-4753-054	. Nut (Superseded by MS17825-5)	4	X	X	X	X	X	X	X
130	MS24665-151	. Cotter Pin	4	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-5A. CYCLIC CONTROL STICK INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
130	AN381-2-8	. Pin (Superseded by MS24665-151)	4	X	X	X	X	X	X	X
140	NAS6603-18	. Bolt	4	X	X	X	X	X	X	X
140	AN3-14A	. Bolt (Superseded by NAS6603-18)	4	X	X	X	X	X	X	X
150	NAS1149F0332P	. Washer	8	X	X	X	X	X	X	X
150	AN960-10L	. Washer (Alternate)	8	X	X	X	X	X	X	X
160	MS20364-1032	. Nut	4	X	X	X	X	X	X	X
160	AN364-1032	. Nut (Alternate)	4	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-1. CABIN SEAT ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
1	28-11303-1	. Seat Structure Cover	1	X		X				
1A	28-11303-5	. Seat Structure Cover	1					X		
1B	280-113033-1	. Seat Structure Cover	1		X		X			
1C	280-113033-3	. Seat Structure Cover	1						X	X
2	28-113040-11	. Collective Shroud	1	X		X				
2A	28-113040-13	. Collective Shroud	1		X		X			
2BA	28-16070-103	. Collective Shroud Assembly (See Figure 9-4)	REF							X
2B	28-16070-101	. Collective Shroud Assembly (Superseded by 28-16070-103, See Figure 9-4)	REF							X
2B*	28-16070-7	. Collective Shroud Assembly (Superseded by 28-16070-101, See Figure 9-4)	1				X		X	X
2C	28-16070-9	. Collective Shroud Assembly (See Figure 9-3)	1					X		
2C**	28-16070-5	. Collective Shroud Assembly (Superseded by 28-16070-9, See Figure 9-3)	1			X		X		
2D***	28-16099-1	. Collective Shroud	1					X		
—	550	. Stud	8							X
—	MS24693-S27	. Screw	8							X
—	NAS1149FN616P	. Washer	8							X
—	MS21044N06	. Nut	8							X
3	AN530-8R8	. Screw	5	X	X	X	X	X	X	X
4	A1787-8Z-1	. Nut - Tinnerman	5	X	X	X	X	X	X	X
5	6x1/2	. Screw Truss Head	AR	X	X	X	X	X	X	X
6	AN526-832R8	. Screw	AR	X	X	X	X	X	X	X
7	AN960-8L	. Washer	AR	X	X	X	X	X	X	X
8	AN340-8	. Nut	1	X	X	X	X			
9	28-113042-11	. Access Door	1	X	X	X	X	X	X	X
10	A1784-6Z-1	. Nut - Tinnerman	3	X	X	X	X	X	X	X
11	28-11430-1	. Plate - Seat	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-1. CABIN SEAT ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
12	28-11303-4	. Boot - Neoprene	1	X	X	X	X	X	X	X
13	28-11431-1	. Doubler	1	X	X	X	X	X	X	X
14	28-113069-1	. Access Plate	1	X	X	X	X	X	X	X
15	8x1/2	. Screw - Truss Head	2	X	X	X	X	X	X	X
—	ECD4089-13	. Velcro Hook (2" Black)	A/R	X	X	X	X	X	X	X
—	ECD4089-17	. Velcro Loop (2" Black)	A/R	X	X	X	X	X	X	X
16●	28-11600-5	. Back Cushion	1	X	X	X	X	X	X	
17●	28-11600-3	. Pilot Seat Cushion	1	X	X	X	X	X	X	
18●	28-11600-4	. Co-Pilot Seat Cushion	1	X	X	X	X	X	X	
19●	28-11600-8	. Center Cushion	1	X	X	X	X	X	X	
20‡	28-116004-3	. Pilot Seat Cushion	1					X		X
–20A▼	28-116004-30GEN	. Pilot Seat Bottom, Leather	1							X
21‡	28-116005-1	. Co-Pilot Seat Cushion	1					X		X
–21A‡	28-116005-3	. Co-Pilot Seat Cushion	1					X		X
–21B▼	28-116005-30GEN	. Co-Pilot Seat Bottom, Leather	1							X
22‡	28-116006-1	. Pilot Back Cushion	1					X		X
–22A▼	28-116006-10GEN	. Pilot Seat Backrest, Leather	1							X
23‡	28-116007-1	. Co-Pilot Back Cushion	1					X		X
–23A‡	28-116007-3	. Co-Pilot Back Cushion	1					X		X
–23B▼	28-116007-30GEN	. Co-Pilot Seat Backrest, Leather	1							X
24‡	28-116008-1	. Center Seat Cushion	1					X		X
–24A▼	28-116008-10GEN	. Co-Pilot Seat Bottom, Leather	1							X
25‡	28-116009-1	. Center Back Cushion	1					X		X
26	28-11600-20	. Pilot Seat Cushion	1	X	X	X	X	X	X	
27	28-11600-21	. Co-Pilot Seat Cushion	1	X	X	X	X	X	X	

* With Correlator installation.

** Later F Models.

*** Early F-28F Models.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

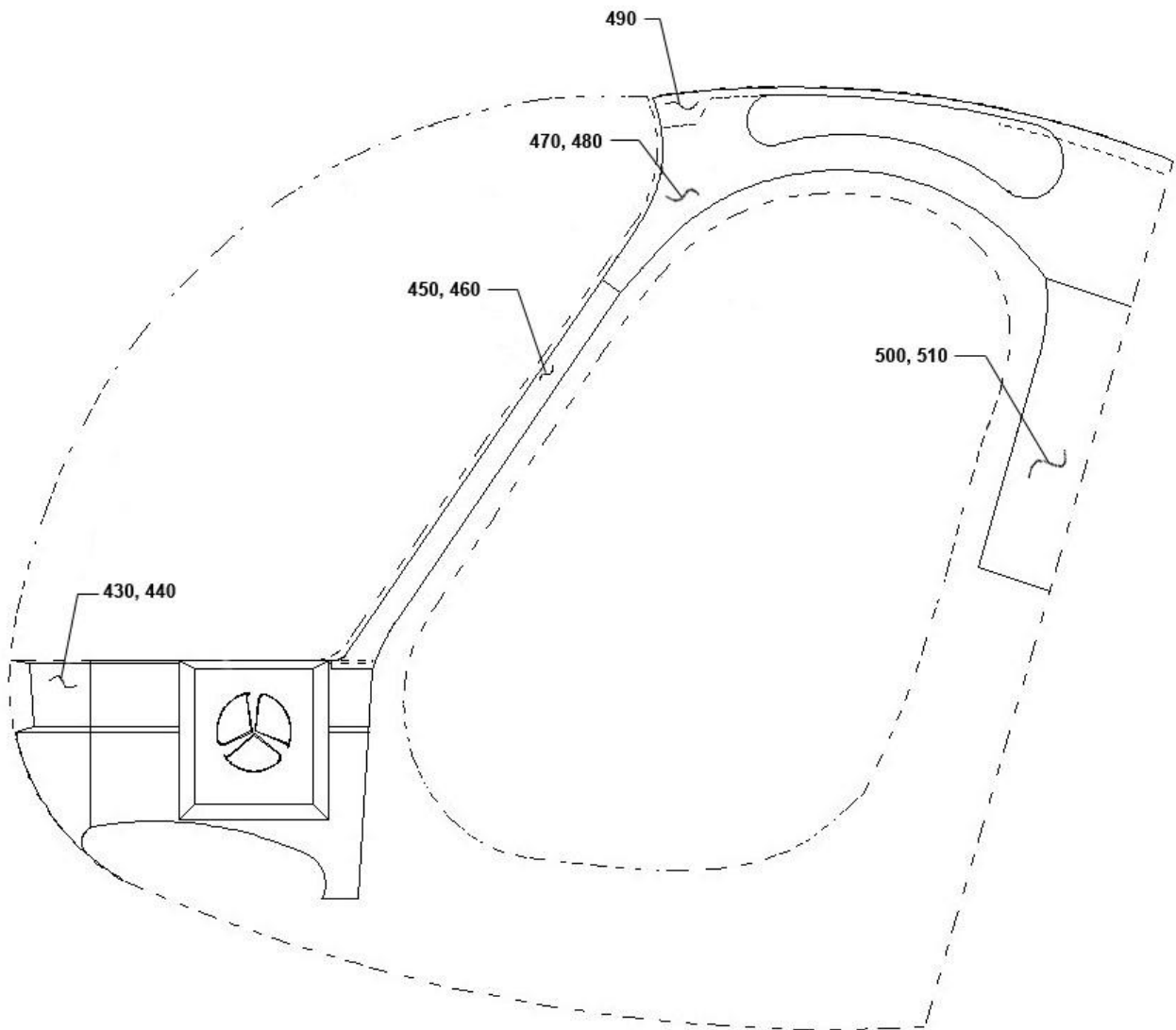
- Obsolete
- Δ S/N 2167 and subsequent.
- ‡ Part used in 28-11624-5 and 28-11624-7 interior installation.
- ▼ Part used in 28-11624-9 and 28-11624-101 interior installation.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



I

F-28A/C/F/280/C/F/FX (where noted): All S/N

Sheet 2 of 2

FIGURE 9-3. CABIN FURNISHINGS AND FIRE EXTINGUISHER

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-3. CABIN FURNISHINGS AND FIRE EXTINGUISHER

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	28-11626	Interior and Trim Instl. F-28F	REF					X		
10	28-18166-1	. Hood Console Assy. (Wide)	1					X		
—	28-18158-1	. . Hood Assy. (Wide)	1					X		
—	28-18159-11	. . Instrument Face Panel (Wide)	1					X		
—	28-18161-11	. . Radio/Switch Panel (Wide)	1					X		
— ΔΔ	28-18162-17	. . Side Panel (L.H.)	1					X		
—	28-18162-15	. . Side Panel (L.H.) (Alternate, 3.50 in. wide cutout)	1					X		
—	28-18162-13	. . Side Panel (L.H.) (Alternate, 2.50 in. wide cutout)	1					X		
—	28-18162-14	. . Side Panel (R.H.)	1					X		
—	28-18164-5	. . Glare Shield Assy. (Wide)	1					X		
20	8x3/8	. . PK Screw	21					X		
—	AN6195-8Z-1D	. . Tinnerman Nut	7					X		
—	MS20426A3-4	. . Rivet	14					X		
10A	28-18166-5	. Hood Console Assy. (Narrow)	1					X		
10A	28-18166-3	. Hood Console Assy. (Narrow)	1					X		
—	28-18158-3	. . Hood Assy. (Narrow)	1					X		
—	28-18159-13	. . Instrument Face Panel (Narrow)	1					X		
—	28-18161-15	. . Radio/Switch Panel (Narrow)	1					X		
—	28-18162-13	. . Side Panel (L.H.)	1					X		
—	28-18162-14-	. . Side Panel (R.H.)	1					X		
—	28-18164-3	. . Glare Shield Assy. (Narrow)	1					X		
20A	8x3/8	. . PK Screw	21					X		
—	AN6195-8Z-1D	. . Tinnerman Nut	7					X		
—	MS20426A3-4	. . Rivet	14					X		
21	28-11622-13	. Carpet Floor	1					X		
21A	28-11622-17	. Vinyl Floor (Alternate)	1					X		
30*	28-11608-13	. Scuff Plate	2					X		

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-3. CABIN FURNISHINGS AND FIRE EXTINGUISHER

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
30	28-11608-11	. Scuff Plate (Superseded by 28-11608-13)	2					X		
40	MS51862-14	. Screw	12					X		X
40	AN530-6-8	. Screw (Replaced by MS51862-14)	10					X		X
50	28-11395-1	. Cyclic Boot	2					X		
60	MS51862-14	. Screw	10					X		X
60	AN531-6R8	. Screw (Superseded by MS51862-14)	10					X		X
70	550	. Stud	10					X		
80	MS24693S26	. Screw	10					X		
90	550	. Stud	10					X		
100	AN960-6L	. Washer	10					X		
110	AN365-632A	. Nut	10					X		
270	AN526-832R8	. Screw	3					X		
280	NAS1149FN816P	. Washer	3					X		X
280	AN960-8L	. Washer (Alternate)	3					X		X
290	28-11404-13	. Collective Push Pull Rod Cover	1					X		
300	MS35333-40	. Lock Washer	3					X		X
300	AN936A8	. Lock Washer (Replaced by MS35333-40)	3					X		X
310	S8P150	. Plus Nut	3					X		X
310	S8P270	. Plus Nut (Replaced by S8P150)	3					X		X
320**	28-22117	. Audio Jack Box Assy.	1					X		X
330	AN526-8R8	. . Screw	3					X		X
340	4115001-19	. . Headset Hook	3					X		X
350	AN960-8L	. . Washer	3					X		X
360	AN364-832	. . Nut	3					X		X
—	280-221001	. Fire Extinguisher Installation	REF	X	X	X	X	X	X	X
370	AN525-10R8	. . Screw	4	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-3. CABIN FURNISHINGS AND FIRE EXTINGUISHER

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
370	AN525-832R10	. . Screw (Replaced by AN525-10R8)	4	X	X	X	X	X	X	X
380	C352TS	. . Extinguisher	1	X	X	X	X	X	X	X
390	28-22101	. . Backing Plate	1	X	X	X	X	X	X	X
400	NAS1149F0332P	. . Washer	4	X	X	X	X	X	X	X
400	AN960-8L	. . Washer (Replaced by NAS1149F0332P)	4	X	X	X	X	X	X	X
410	MS21044N3	. . Nut	4	X	X	X	X	X	X	X
410	AN364-832A	. . Nut (Replaced by MS21044N3)	4	X	X	X	X	X	X	X
420	28-11625-13	. Backwall Pad	1					X		
—●●	28-11610-5	. Interior Panel Installation	1					X		
—	28-11610-3	. Interior Panel Installation	1					X		
430	28-11611-2	. . Panel (R.H.)	1					X		
440	28-11611-1	. . Panel (L.H.)	1					X		
—	28-11612-11	. . Center Panel	1					X		
450	28-11613-12	. . Strip (R.H.)	1					X		
460	28-11613-11	. . Strip (L.H.)	1					X		
470	28-11614-12	. . Overhead Panel (R.H.)	1					X		
480	28-11614-11	. . Overhead Panel (L.H.)	1					X		
490●●	28-11615-15	. . Center Overhead Panel	1					X		
490	28-11615-13	. . Center Overhead Panel	1					X		
500	28-11618-12	. . Side Strip (R.H.)	1					X		
510	28-11618-11	. . Side Strip (L.H.)	1					X		
—	28-16069-5	. Collective Shroud Installation	1					X		
520	28-16070-5	. Collective Shroud Assembly (S/S by 28-16070-9)	1					X		
520Δ	28-16070-9	. Collective Shroud Assembly	1					X		
530	AN530-8R8	. . Screw	4					X		

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-3. CABIN FURNISHINGS AND FIRE EXTINGUISHER

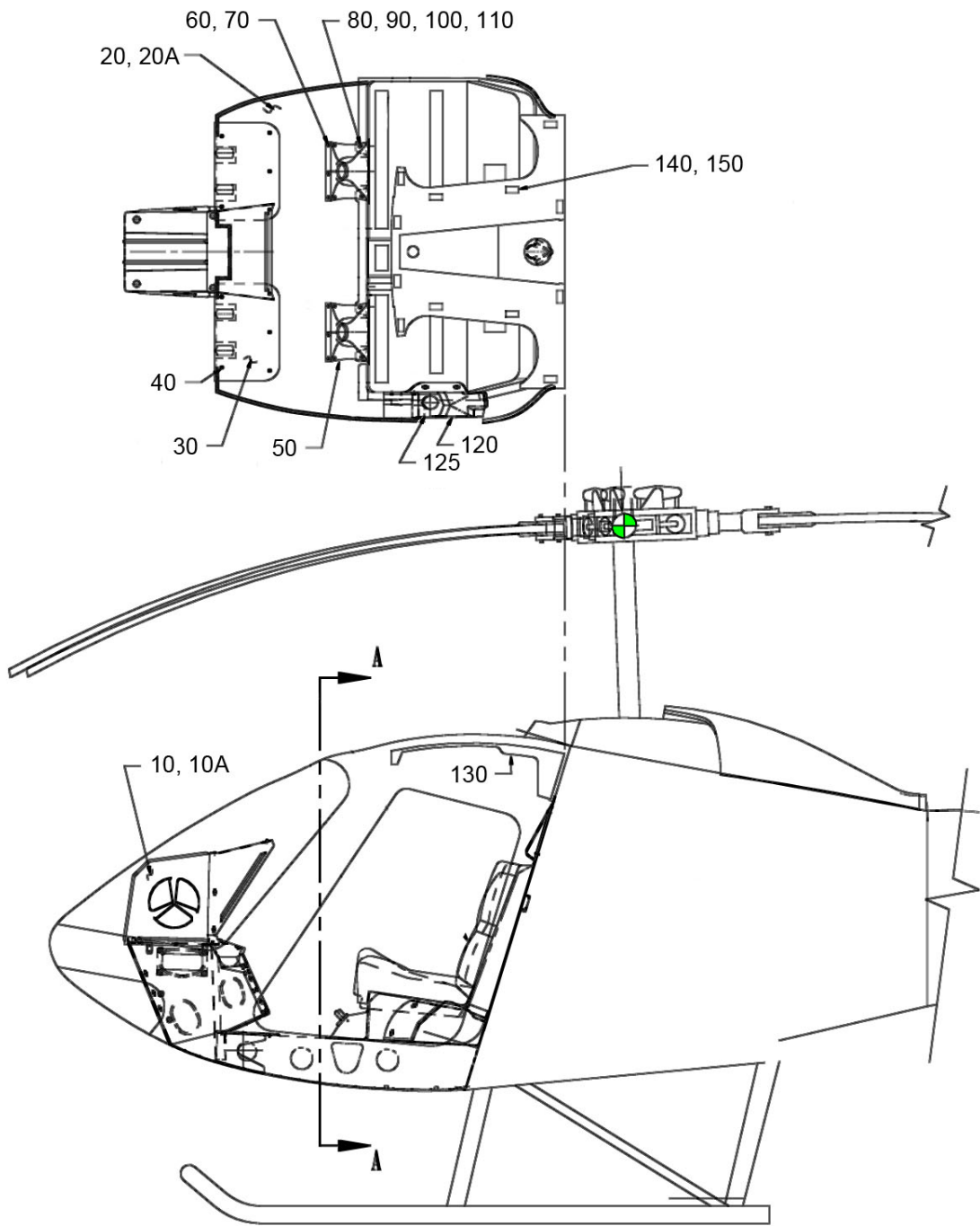
ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	8x1/2	. . Screw	1					X		

- * Effectivity F-28F S/N 819 and subsequent. Retrofittable to S/N 509 and subsequent.
- ** The dash number for this item is ship specific. Contact Enstrom customer service for replacement parts.
- S/N 832 and subsequent
- Δ S/N 833 and subsequent. Retrofittable to S/N 509 and subsequent.
- ΔΔ S/N 833 and subsequent. (Use alternate 28-18162-13 or 28-18162-15 if a fuse panel is installed.)

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

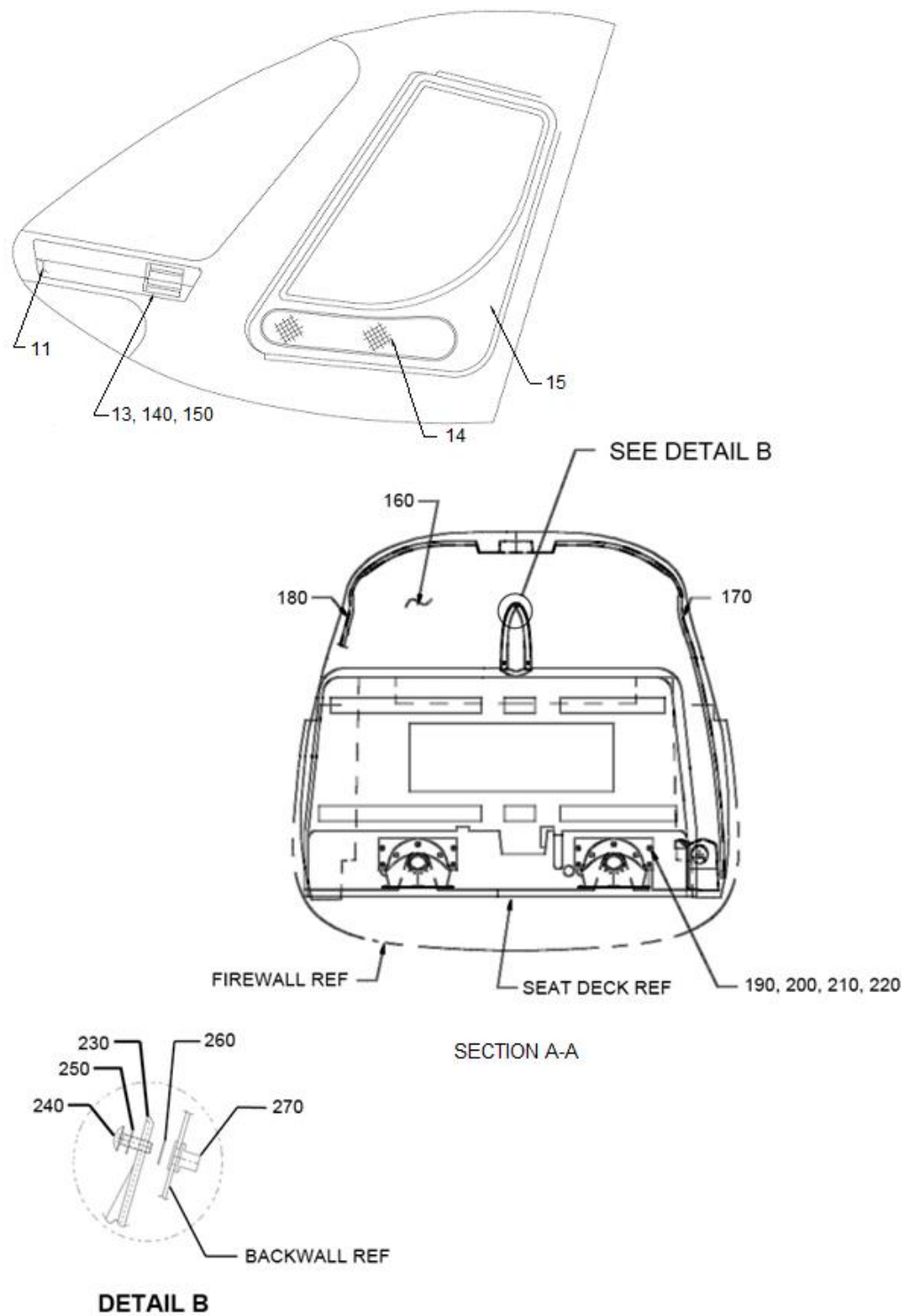


280F/FX: All S/N

Sheet 1 of 2

FIGURE 9-4. 280F/FX CABIN FURNISHINGS

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



280F/FX: All S/N

Sheet 2 of 2

FIGURE 9-4. 280F/FX CABIN FURNISHINGS

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-4. 280F/FX CABIN FURNISHINGS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	28-11624-5	Interior Installation (Wide Console)	REF							X
—	28-11624-7	Interior Installation (Narrow Console)	REF							X
—	28-11624-9	Interior Installation (Wide Console)	REF							X
—	28-11624-101	Interior Installation (Narrow Console)	REF							X
10▲►●	28-18166-7	. Console Cover Installation (Wide)	1							X
10	28-18166-1	. Console Cover Installation (Wide)	1						X	X
—	28-18158-1	. . Hood Assy. (Wide)	1						X	X
—	28-18159-11	. . Instrument Face Panel (Wide)	1						X	X
—	28-18161-19	. . Radio/Switch Panel (Wide) (Used with 28-18166-7)	1							X
—	28-18161-11	. . Radio/Switch Panel (Wide)	1						X	X
— ΔΔ	28-18162-17	. . Side Panel (L.H.)	1						X	X
—	28-18162-15	. . Side Panel (L.H.) (Alternate, 3.50 in. wide cutout)	1						X	X
—	28-18162-13	. . Side Panel (L.H.) (Alternate, 2.50 in. wide cutout)	1						X	X
—	28-18162-14	. . Side Panel (R.H.)	1						X	X
—	28-18164-5	. . Glare Shield Assy. (Wide)	1						X	X
—†	8x3/8	. . PK Screw	21						X	X
—	A6195-8Z-1D	. . Tinnerman nut	7						X	X
—	MS20426A3-4	. . Rivet	14						X	X
10A**∞◇	28-18166-5	. Console Cover Installation (Narrow)	1							X
10A	28-18166-3	. Console Cover Installation (Narrow)	1						X	X
—	28-18158-3	. . Hood Assy. (Narrow)	1						X	X
—	28-18159-13	. . Instrument Face Panel (Narrow)	1						X	X
—	28-18161-17	. . Radio/Switch Panel (Narrow) (Used with 28-18166-5)	1							X
—	28-18161-15	. . Radio/Switch Panel (Narrow)	1						X	X
— ΔΔ	28-18162-17	. . Side Panel (L.H.)	1						X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-4. 280F/FX CABIN FURNISHINGS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	28-18162-15	. . Side Panel (L.H.) (Alternate, 3.50 in. wide cutout)	1						X	X
—	28-18162-13	. . Side Panel (L.H.) (Alternate, 2.50 in. wide cutout)	1						X	X
—	28-18162-14	. . Side Panel (R.H.)	1						X	X
—	28-18164-3	. . Glare Shield Assy. (Narrow)	1						X	X
—†	8x3/8	. . PK Screw	21						X	X
—	A6195-8Z1D	. . Tinnerman Nut	7						X	X
—	MS20426A3-4	. . Rivet	14						X	X
11	28-113041-11	. Nose Trim, L.H.	1							X
—12	28-113041-12	. Nose Trim, R.H.	1							X
13	80046	. Shop Ticket Holder	1							X
14	28-11627-1-GEN	. Door Insert Assembly, L.H. Vinyl	1							X
—14A	28-11627-1	. L.H. Door Insert	1							X
—14B	28-11627-2-GEN	. Door Insert Assembly, R.H. Vinyl	1							X
—14C	28-11627-2	. R.H. Door Insert	1							X
15	28-113139-1	. Bonded Door Assembly, L.H.	1							X
—16	28-113139-2	. Bonded Door Assembly, R.H.	1							X
20	28-11622-1	. Carpet Flooring	1						X	X
20A†	28-11622-21VGEN	. Cabin Floor Mat - Vinyl	1							X
20A	28-11622-21	. Vinyl Flooring (Alternate)	1						X	X
20A	28-11622-15	. Vinyl Flooring (Superseded by 28-11622-21)	1						X	X
—20B†‡	28-11622-21CGEN	. Cabin Floor Mat - Carpet	1							X
—20C±§	28-11622-5	. Carpet Assembly	1							X
30*	28-11603-13	. Scuff Plate	2						X	X
30	28-11608-11	. Scuff Plate (Alternate)	2						X	X
—	108FR	. Carpet Tape	A/R						X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-4. 280F/FX CABIN FURNISHINGS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
40	AN531-6R10	. Screw	12						X	X
40	AN530-6-8	. Screw (Replaced by AN531-6R10)	10						X	X
50	28-11395-1	. Cyclic Boot	2						X	X
-50A	28-11395-1-GEN	. Cyclic Boot, Leather	2							X
60	AN531-6R8	. Screw	10						X	X
70	550	. . Stud	10						X	X
80	AN531-6R10	. . Screw	4						X	X
90	NAS1149FN616P	. Washer	4						X	X
90	AN960-6L	. Washer (Alternate)	4						X	X
100	MS21083N06	. Nut	4						X	X
100	AN365-632A	. Nut (Superseded by MS21083-N06)	4						X	X
110	550	. Stud	4						X	X
-	28-16069-3	. Collective Shroud Installation	1						X	X
120	28-16070-7	. . Collective Shroud Assembly (Superseded by 28-16070-101)	1						X	X
120 Δ	28-16070-101	. . Collective Shroud Assembly (Superseded by 28-16070-103, -105)	1							X
120 ♦	28-16070-103	. . Collective Shroud Assembly	1							X
125 ♦	28-16070-105	. . Collective Cover Assembly	1							X
-	AN530-8R8	. . Screw	4						X	X
- Δ	8x1/2	. . Screw	1							X
130±	28-11620-1	. Headliner	1						X	X
-130A±	28-11620-3	. Gen Headliner Installation	1							X
-	28-11619-1-GEN	. Ceiling Panel Assembly – L.H. Vinyl	1							X
-	28-11619-2-GEN	. Ceiling Panel Assembly – R.H. Vinyl	1							X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

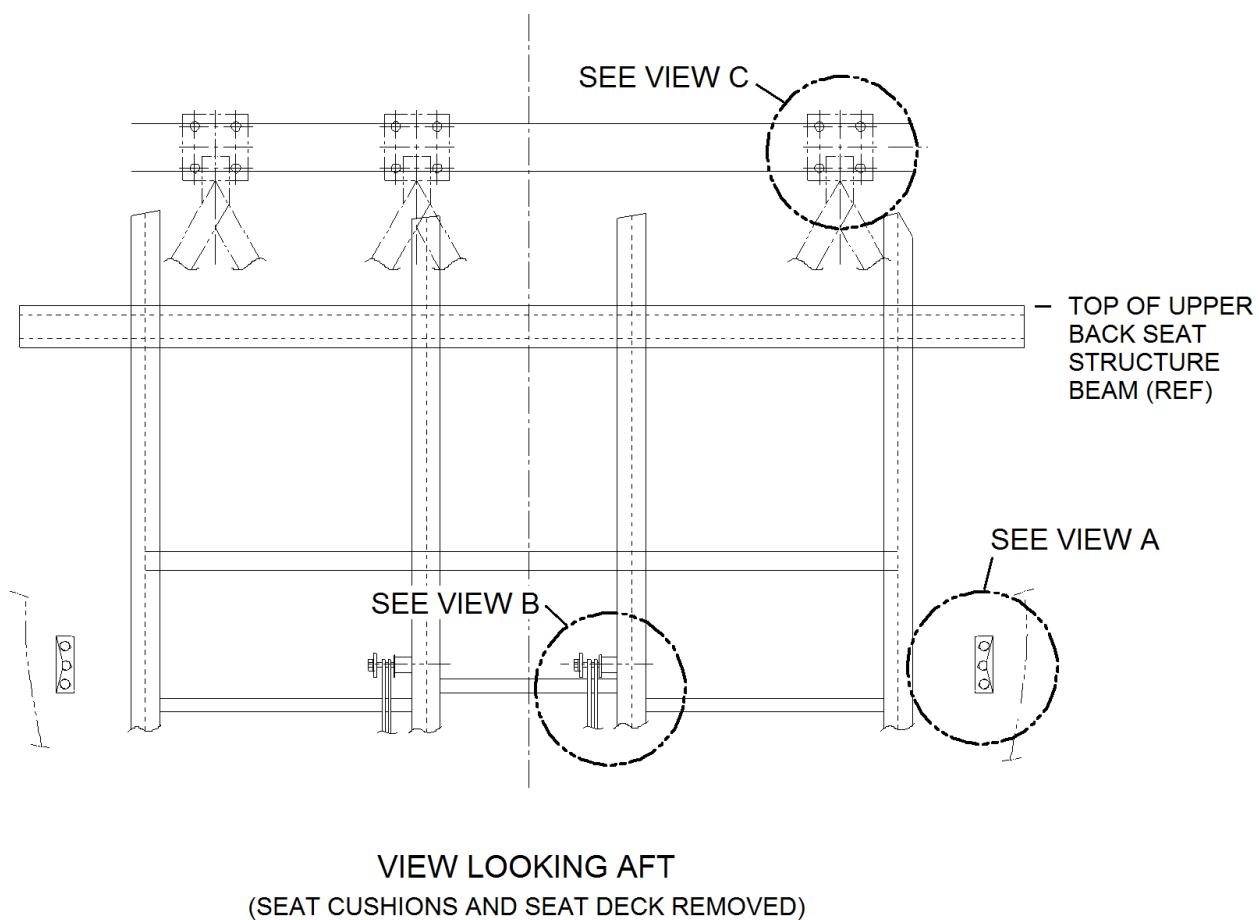
FIGURE 9-4. 280F/FX CABIN FURNISHINGS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	739	. Plastic Adhesive	A/R							X
140	ECD4089-11	. Velcro Hook (1" Black)	A/R						X	X
150	ECD4089-15	. Velcro Loop (1" Black)	A/R						X	X
–	1357	. Contact Adhesive	A/R						X	X
–	28-11623-1	Carpet Insert – Door Pocket (R.H.)	1						X	X
–	28-11623-2	Carpet Insert – Door Pocket (L.H.)	1						X	X
160±	28-11625-11	. Backwall Upholstery	1						X	X
–160A±	28-11625-11-GEN	. Bulkhead, Rear Wall Cover, Vinyl	1							X
170	28-11621-11	. Trim Closeout L.S.	1						X	X
180	28-11621-13	. Trim Closeout R.S.	1						X	X
–	SUPER 77	. Adhesive	A/R						X	X
190	MS24693S26	. Screw	10						X	X
200	NAS1149FN616P	. Washer	10						X	X
200	AN960-6L	. Washer (Alternate)	10						X	X
210	MS21044N06	. Nut	10						X	X
210	AN365-632A	. Nut (Superseded by MS21044N06)	10						X	X
220	550	. Stud	10						X	X
230	28-11404-13	. Collective Push Pull Rod Cover	1						X	X
240	AN526-832R8	. Screw	3						X	X
250	NAS1149FN816P	. Washer	3						X	X
250	AN960-8L	. Washer (Alternate)	3						X	X
260	MS35333-40	. Lock Washer	3						X	X
260	AN936A8	. Lock Washer (Replaced by MS35333-40)	3						X	X
270	S8P150	. Plusnut	3						X	X
270	S8P270	. Plusnut (Replaced by S8P150)	3						X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

- * Effectivity 280FX S/N 2134 and subsequent. Retrofittable to 280FX S/N 2001 and subsequent.
- Δ S/N 2148 and subsequent. Retrofittable to S/N 2001 and subsequent.
- ◆ S/N 2167 and subsequent.
- ▲ S/N 2168 and subsequent.
- ** S/N 2167 and subsequent.
- † Quantity 17 for 28-18166-5 and 28-18166-7 installations, respectively.
- ΔΔ S/N 2168 and subsequent. Retrofittable S/N 2167. (Use alternate 28-18162-13 or 28-18162-15 if a fuse panel is installed.)
- ► Part used in 28-11624-5 interior installation.
- ∞ Part used in 28-11624-7 interior installation.
- ● Part used in 28-11624-9 interior installation.
- ◇ Part used in 28-11624-101 interior installation.
- ± Part used in 28-11624-5 and 28-11624-7 interior installation.
- ‡ Part used in 28-11624-9 and 28-11624-101 interior installation.
- § 28-11622-21 is an acceptable alternate.
- ≠ 28-11622-21VGEN is an acceptable alternate per customer build order.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



F-28A/F-28C/F-28F: All S/N
280/280C/280F/280FX: All S/N

Sheet 1 of 2

FIGURE 9-5. CABIN FURNISHINGS – PASSENGER RESTRAINT SYSTEM

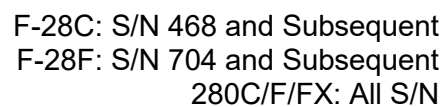
ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 10-3. CABIN HEATING INSTALLATION (F-28C, 280C)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	AN960-4L	. . Washer	4			X				
14	A-740-12	. Push-Pull Control	1	X		X				
15	AN742D48	. Clamp	1	X		X				
—	755-2-2-6	. . Clamp	1	X		X				
—	AN515-8R7	. . Screw	1	X		X				
—	AN960-8L	. . Washer	1	X		X				
—	AN364-832A	. . Nut	1	X		X				
16	28-127520-25	. Hose Ducting	1	X		X				
17	AN743-13	. Clip	1	X		X				
—	AN742D38	. . Clamp	1	X		X				
—	AN515-8R8	. . Screw	2	X		X				
—	AN960-8L	. . Washer	4	X		X				
—	AN364-832A	. . Nut	2	X		X				
18	QS200-M40S	. . Clamp	2	X		X				
19	28-12705	. Heater Outlet Assembly	1	X		X				

* Effective F-28C S/N 468 and subsequent.

1003



Rev. 13

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 10-4. CABIN HEATING INSTALLATION (CURRENT PRODUCTION)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	28-127002-9	Heater Installation – Cabin	REF					X		X
—*	28-127002-5	Heater Installation – Cabin	REF			X	X	X	X	X
—	28-127002-1	Cabin Heater Installation (Superseded by 28-127002-5)	REF			X	X	X	X	
10*	28-127520-29	. Heater Ducting	2			X	X	X	X	X
10	28-127520-13	. Heater Ducting (Superseded by 28-127520-29)	2			X	X	X	X	
20	28-127520-11	. Heater Ducting	1			X	X	X	X	X
—	5453	. Teflon Tape	A/R			X	X	X	X	X
30	28-127520-15	. Hose-Ducting	1			X	X	X	X	X
40*	QS200-M40S	. Clamp	2			X	X	X	X	X
40	QS200-M44S	. Clamp (Superseded by QS200- M44S)	2			X	X	X	X	
50	AN515-8R8	. Screw	1			X	X	X	X	X
60	MS21919WCJ16	. Clamp	1			X	X	X	X	X
60	MS21919F8	. Clamp (Replaced by MS21919WCJ16)	1			X	X	X	X	X
70**	MS21919WG38	. Clamp	1			X	X	X	X	X
70	AN742D48	. Clamp (Superseded by MS21919WG38)	1			X	X	X	X	X
80	AN960-8L	. Washer	1			X	X	X	X	X
90	AN364-832A	. Nut	1			X	X	X	X	X
100	28-127510-1	. Valve-Cabin Heat	1			X	X	X	X	X
110	QS200-M44S	. Clamp	3			X	X	X	X	X
120*	28-127523-1	. Adapter	1			X	X	X	X	X
120	28-127509-1	. Adapter	1			X	X	X	X	
130	AN530-8R8	. Screw	1			X	X	X	X	X
140**	MS21919WDG3	. Clamp	1			X	X	X	X	X
140	755-2-2-6	. Clamp (Superseded by MS21919WDG3)	1			X	X	X	X	X
150	A1789-8Z1	. Tinnerman Nut	1			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 10-4. CABIN HEATING INSTALLATION (CURRENT PRODUCTION)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
160	AN960-416L	. Washer	1			X	X	X	X	X
170	AN381-2-8	. Cotter Pin	1			X	X	X	X	X
180	AN515-8R8	. Screw	6			X	X	X	X	X
190	AN935-8	. Lock Washer	6			X	X	X	X	X
200	AN960-8L	. Washer	6			X	X	X	X	X
210	AN340-8	. Nut	6			X	X	X	X	X
220**	A-740-12	. Control Assembly	1			X	X	X	X	X
220	3A3408-2	. Push-Pull Control	1			X	X	X	X	X
230	AN515-8R8	. Screw	1			X	X	X	X	X
240**	MS21919WDG3	. Clamp	1			X	X	X	X	X
240	755-2-2-6	. Clamp (Superseded by MS21919WDG3)	1			X	X	X	X	X
250**	MS21919WG38	. Clamp	1			X	X	X	X	X
250	AN742D48	. Clamp (Superseded by MS21919WG38)	1			X	X	X	X	X
260	AN960-8L	. Washer	1			X	X	X	X	X
270	AN364-832A	. Nut	1			X	X	X	X	X
280*	28-127524-1	. Duct Assembly	1			X	X	X	X	X
280	28-127508-1	. Duct Outlet (Superseded by 28-127524-1)	1			X	X	X	X	
290	28-127521-11	. Cover-Duct Outlet	1			X	X	X	X	X
300	AN526-832R7	. Screw	1			X	X	X	X	X
310	CCR274SS-3-02	. Rivet	4					X		X
310	CR163-4-4	. Rivet (Superseded by CCR274SS-3-02)	4			X	X	X	X	X
—	NAS1149FN316P	. Washer	4			X	X	X	X	X
320	AN960-4L	. Washer	4			X	X	X	X	X
330	QS200-M44S	. Clamp	1			X	X	X	X	X
340	28-127502-1	. Ducting Splitter	1			X	X	X	X	X
350	28-127520-19	. Hose-Ducting	1			X	X	X	X	X
360	28-127520-17	. Hose-Ducting	1			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-2. F-28C INSTRUMENT PANEL INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—♦∞	28-18050	Instrument Installation	REF			X				
10	TIGM54-1C-RD-A	. Master Switch	1			X				
—10A*	TILA64-1C-RD-A	. Master Switch	1			X				
20	TILA64-1C-WH-A	. Alternator Switch	1			X				
—20A*	TIGM54-1C-WH-A	. Alternator Switch	1			X				
30	20TC2-CA-7.5	. Navigation Light Circuit Breaker Switch	1			X				
40	ECD076-11	. Manifold/Fuel Pressure Gauge	1			X				
40	6312-H69A	. Manifold/Fuel Pressure Gauge (Replaced by ECD076-11)	1			X				
50	5934-1	. Altimeter (Inches)	1			X				
—50A▲	5934M	. Altimeter (Millibars)	1			X				
60	8000-B160	. Airspeed (MPH)	1			X				
—60A▲	8000-B332	. Airspeed (Knots)	1			X				
70	65-29B	. Tachometer	1			X				
80	ECD071-11	. Instrument Cluster	1			X				
80	22-169-09-1L	. Instrument Cluster (Replaced by ECD071-11)	1			X				
90	ECD071-3	. . Fuel Quantity Gauge	1			X				
90	169E-910-14-4L	. . Fuel Quantity Gauge (Replaced by ECD071-3)	1			X				
100	ECD071-6	. . Engine Oil Pressure Gauge	1			X				
100	169E-914-1L	. . Engine Oil Pressure Gauge (Replaced by ECD071-6)	1			X				
110	ECD071-4	. . MRGB Oil Temperature Gauge	1			X				
110	169E-910-15L	. . MRGB Oil Temperature Gauge (Replaced by ECD071-4)	1			X				
120	ECD071-7	. . Engine Oil Temperature Gauge	1			X				
120	169E-910-11L	. . Engine Oil Temperature Gauge (Replaced by ECD071-7)	1			X				
130	ECD071-5	. . Ammeter	1			X				

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-2. F-28C INSTRUMENT PANEL INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
130	169E-909-2L	. . Ammeter (Replaced by ECD071-5)	1			X				
140	ECD071-8	. . Engine Cylinder Temperature Gauge	1			X				
140	169E-190-12L	. . Engine Cylinder Temperature Gauge (Replaced by ECD071-8)	1			X				
150	20TC2-CA-3	. Panel Light Circuit Breaker Switch	1			X				
160	10-357290-1	. Ignition Switch	1			X				
170	20TC2-CA-15	. Anti-Collision Light Circuit Breaker Switch	1			X				
180	20TC2-CA-7.5	. Boost Pump Circuit Breaker Switch	1			X				
190	20TC2-CA-20	. Landing Light Circuit Breaker Switch	1			X				
200	MP-160-012-70	. Alternator Circuit Breaker 70 Amp	1			X				
—*	507-507-101	. Alternator Exciter Circuit Breaker	1			X				
210	507-507-101	. Trim Motor Circuit Breaker 7.5 Amp	1			X				
220	1500-052-1	. Instrument Circuit Breaker 1 Amp	1			X				
230	507-507-101	. Ignition Circuit Breaker 7.5 Amp	1			X				
240	28-18043	. Placard – Fuel Boot	1			X				
—	41EN-G5-2312	. Pressure Warning Indicator Light (Green)	1			X				
—	41EN-G3-2311	. Pressure Warning Indicator Light (Red)	1			X				
250	28-18051-3	. Switch Panel	1			X				
260	28-18049	. Instrument Panel	1			X				
270	28-18036--9	. Filler Plate 3.08" Diameter	A/R			X				
280	222	. Kendall Cloth Tape	A/R			X				
—	C-2400L4VW-AB-RG	. Compass, Airpath	1			X				
—	330	. Compass Bulb	1			X				

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-2. F-28C INSTRUMENT PANEL INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—	1592-30	. Scott Outside Air Temperature Gauge	1			X				
290	A8970B-1-330	. Instrument Light	7			X				
—	330	. Instrument Light Bulb	7			X				
—	22-370-60	. Shunt, 50 Millivolt	1			X				
300	2904-33	. Oil Pressure Switch	1			X				
310	1040	. Ball Bank Indicator	1			X				
320	KN500B1/8	. Knob	1			X				
—	0110	. Rheostat	1			X				
—**	28-18032-1	. Rheostat	1			X				
330	202A-1A	. EGT Gauge	1			X				
—▲	41EN-G3-2311	. Starter Engaged Warning Light	1			X				
—▲	41EN-G3-2311	. Alternator Discharge Light (Red)	1			X				
—▲	41EN-G3-2313	. Low Fuel Warning Light	1			X				

◆ Information contained herein represents components as installed at the time of manufacture.

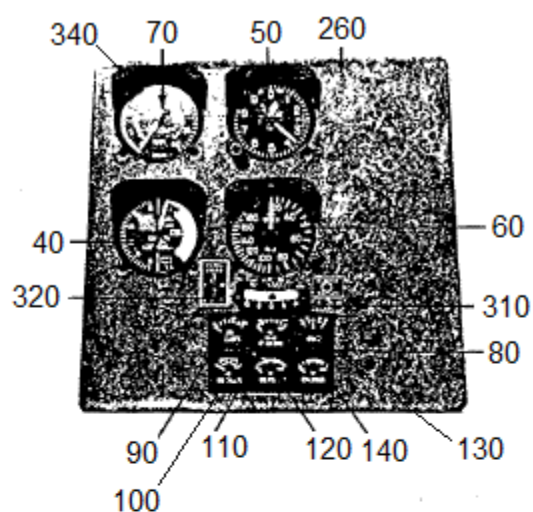
∞ Prior to F-28C-2.

* F-28C S/N 425 and subsequent.

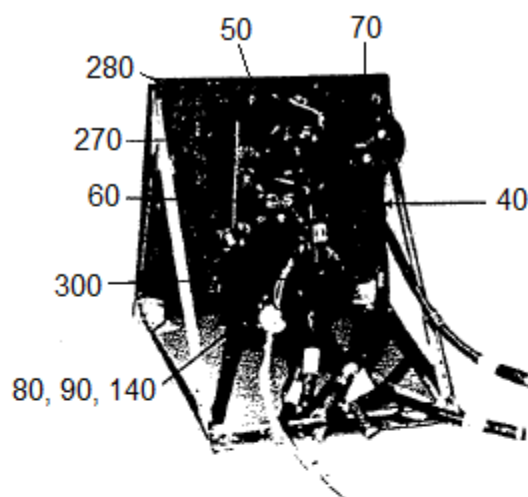
▲ Optional equipment.

** F-28C S/N 457 and subsequent.

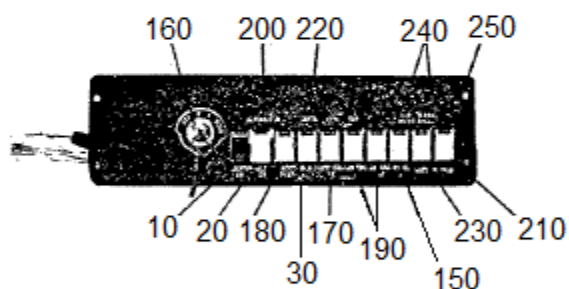
ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



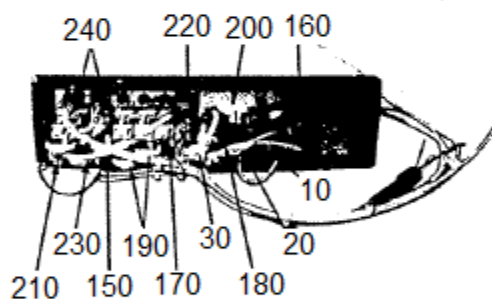
MAIN PANEL - 280



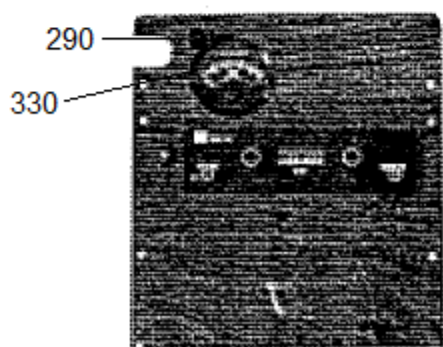
MAIN PANEL - REAR VIEW 280



SWITCH PANEL - 280C



SWITCH PANEL - REAR VIEW 280



LOWER PANEL - 280

FIGURE 11-3. 280C AND 280F INSTRUMENT PANEL INSTALLATION

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-3. 280C AND 280F INSTRUMENT PANEL INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—◆	280-180000	Instrument Installation	REF				X		X	
10	TIGM54-1C-RD-A	. Master Switch	1				X		X	
20	TILA64-1C-WH-A	. Alternator Switch	1				X		X	
—20A [∞]	TIGM54-1C-WH-A	. Alternator Switch	1				X		X	
30	20TC2-CA-7.5	. Navigation Light Circuit Breaker Switch	1				X		X	
40	ECD076-11	. Manifold Pressure/Fuel Flow Indicator	1				X			
40	6312-H69A	. Manifold Pressure/Fuel Flow Indicator (Replaced by ECD076-11)	1				X			
50	5934	. Altimeter	1				X		X	
60	8000 CODE B251	. Airspeed Indicator	1				X		X	
70	65-29B	. Tachometer	1				X			
80	ECD071-11	. Instrument Panel	1				X			
80	22-169-09-1L	. Instrument Cluster (Replaced by ECD071-11)	1				X			
90	ECD071-3	. . Fuel Quantity Gauge	1				X			
90	169E-910-14-4L	. . Fuel Quantity Gauge (Replaced by ECD071-3)	1				X			
100	ECD071-6	. . Engine Oil Pressure Gauge	1				X			
100	169E-914-1L	. . Engine Oil Pressure Gauge (Replaced by ECD071-6)	1				X			
110	ECD071-4	. . MRGB Oil Temperature Gauge	1				X			
110	169E-910-15L	. . MRGB Oil Temperature Gauge (Replaced by ECD071-4)	1				X			
120	ECD071-7	. . Engine Oil Temperature Gauge	1				X			
120	169E-910-11L	. . Engine Oil Temperature Gauge (Replaced by ECD071-7)	1				X			
130	ECD071-5	. . Ammeter	1				X			
130	169E-909-2L	. . Ammeter (Replaced by ECD071-5)	1				X			
140	ECD071-8	. . Engine Cylinder Temperature Gauge	1				X			

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-3. 280C AND 280F INSTRUMENT PANEL INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
140	169E-910-12L	. Engine Cylinder Temperature Gauge (Replaced by ECD071-8)	1				X			
150	20TC2-CA-3	. Panel Light Circuit Breaker Switch	1				X		X	
160	10-357290-1	. Ignition Switch	1				X		X	
170	20TC2-CA-5	. Anti-Collision Light Circuit Breaker Switch	1				X		X	
180	20TC2-CA-7.5	. Boost Pump Circuit Breaker Switch	1				X		X	
190	20TC2-CA-20	. Landing Light Circuit Breaker Switch	1				X		X	
200	MP-160-012-70	. Alternator Circuit Breaker 70 Amp	1				X		X	
—∞	507-507-101	. Alternator Exciter Circuit Breaker	1				X		X	
210	20TC2-CA-7.5	. Trim Motor Circuit Breaker Switch	1				X		X	
220	1500-052-1	. Instrument Circuit Breaker	1				X		X	
230	20TC2-CA-7.5	. Ignition Circuit Breaker Switch	1				X		X	
240	NO NUMBER	. Fuel Pressure Warning System	1				X		X	
—	804-1710-0332-5	. Indicator Light (Green)	1				X		X	
—	803-1710-0331-5	. Indicator Light (Red)	1				X		X	
—	1815	. Bulb	1				X		X	
250	280-180004	. Switch Panel	1				X		X	
260	280-180004-21	. Instrument Panel	1				X		X	
270	28-18036-9	. Filler Plate 3.08" Diameter	A/R				X		X	
280	222	. Kendall Cloth Tape	A/R				X		X	
—	C-2400L4VW-AB-RG	. Compass	1				X		X	
—	1592-30	. Scott Outside Air Temperature Gauge	1				X		X	
290	A8970B-1-330	. Instrument Light	A/R				X		X	
—	330	. Instrument Light Bulb	A/R				X		X	
—	22-370-60	. Shunt, 50 Millivolt	1				X		X	
300	2904-33	. Oil Pressure Switch	1				X		X	

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-3. 280C AND 280F INSTRUMENT PANEL INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
310	1040	. Ball Bank Indicator	1				X		X	
320	KN500B1/8	. Knob	1				X		X	
—	0110	. Rheostat	1				X		X	
—†	28-18082-1	. Rheostat	1				X		X	
330	202A-13BTR	. EGT Gauge	1				X		X	
340	B-4855B-330	. Instrument Light	A/R				X		X	
—*	41EN-G3-2311	. Starter Engaged Warning Light (Red)	1				X		X	
—*	41EN-G3-2311	. Alternator Discharge Light (Red)	1				X		X	
—*	41EN-G3-2313	. Low Fuel Light	1				X		X	
—*	ECD077-11	. Manifold/Fuel Pressure	1				X		X	
—*	ECD078-11	. Pressure Switch	1						X	
—*▲	ECD079-11	. Pressure Switch	1				X			
—*	ECD072-11	. Tachometer	1						X	
—*	ECD071-11	. Instrument Cluster	1						X	
—*	ECD071-3	. . Fuel Quantity Gauge	1						X	
—*	169E-910-14-5L	. . Fuel Quantity Gauge (Replaced by ECD071-3)	1						X	
—*	ECD071-6	. . Engine Oil Pressure Gauge	1						X	
—*	169E-914-2L	. . Engine Oil Pressure Gauge (Replaced by ECD071-6)	1						X	
—*	ECD071-4	. . MRGB Oil Temperature Gauge	1						X	
—*	169E-910-15-1L	. . MRGB Oil Temperature Gauge (Replaced by ECD071-4)	1						X	
—*	ECD071-7	. . Engine Oil Temperature Gauge	1						X	
—*	169E-910-11-3L	. . Engine Oil Temperature Gauge (Replaced by ECD071-7)	1						X	
—*	ECD071-5	. . Ammeter	1						X	
—*	169E-909-3L	. . Ammeter (Replaced by ECD071-5)	1						X	
—*	ECD071-8	. . Engine Cylinder Temperature Gauge	1						X	

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-3. 280C AND 280F INSTRUMENT PANEL INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—*	169E-910-12-1L	.. Engine Cylinder Temperature Gauge (Replaced by ECD071-8)	1						X	

♦ Information contained herein represents components as installed at the time of manufacture.

∞ 280C and 280F S/N 1149 and subsequent.

† 280C and 280F S/N 1161 and subsequent.

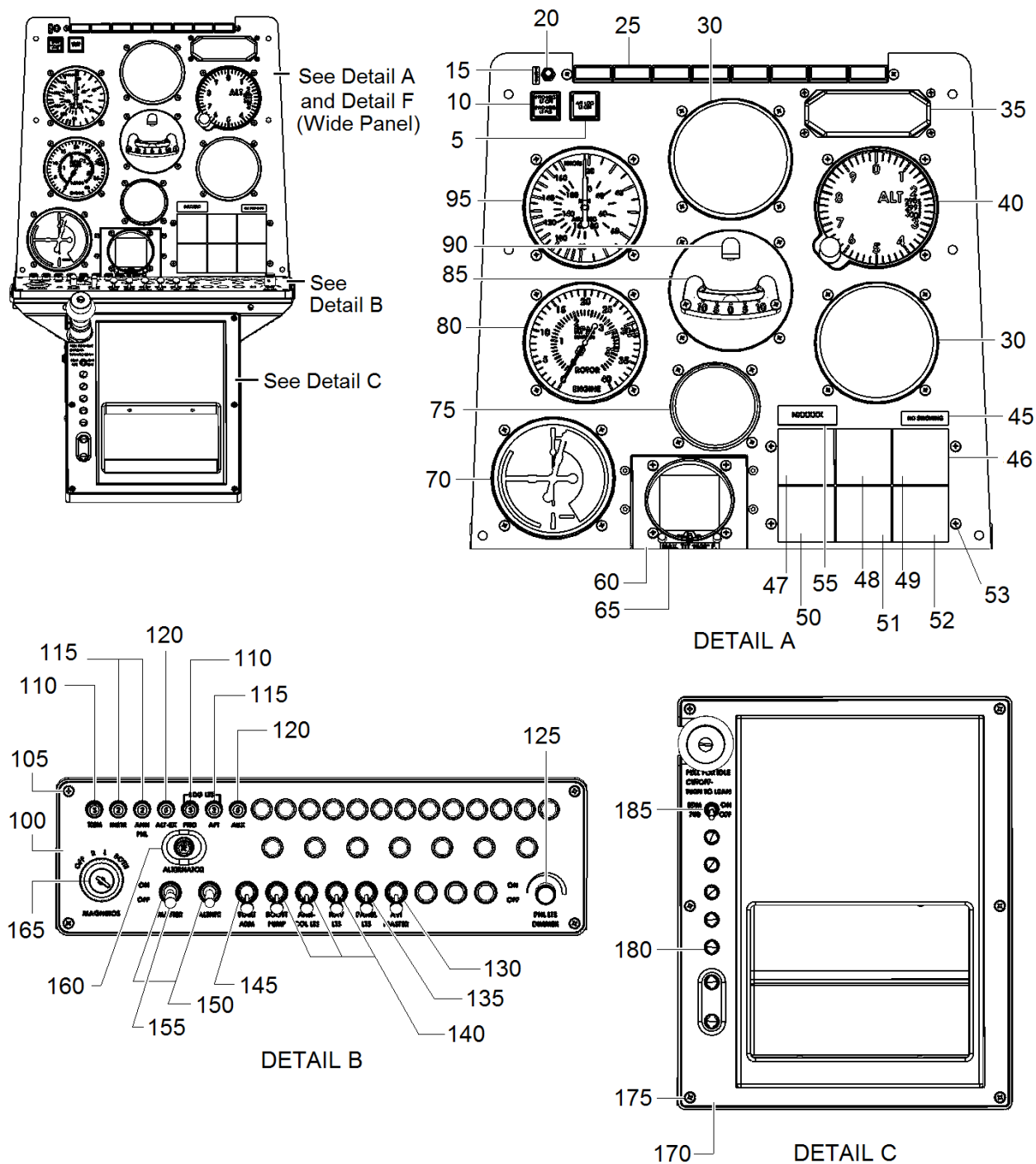
* Optional equipment.

▲ Without pop off valve.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

- Not illustrated.
- * Or equivalent. Contact Enstrom Product Support for alternative products.
- See Figure 11-19.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



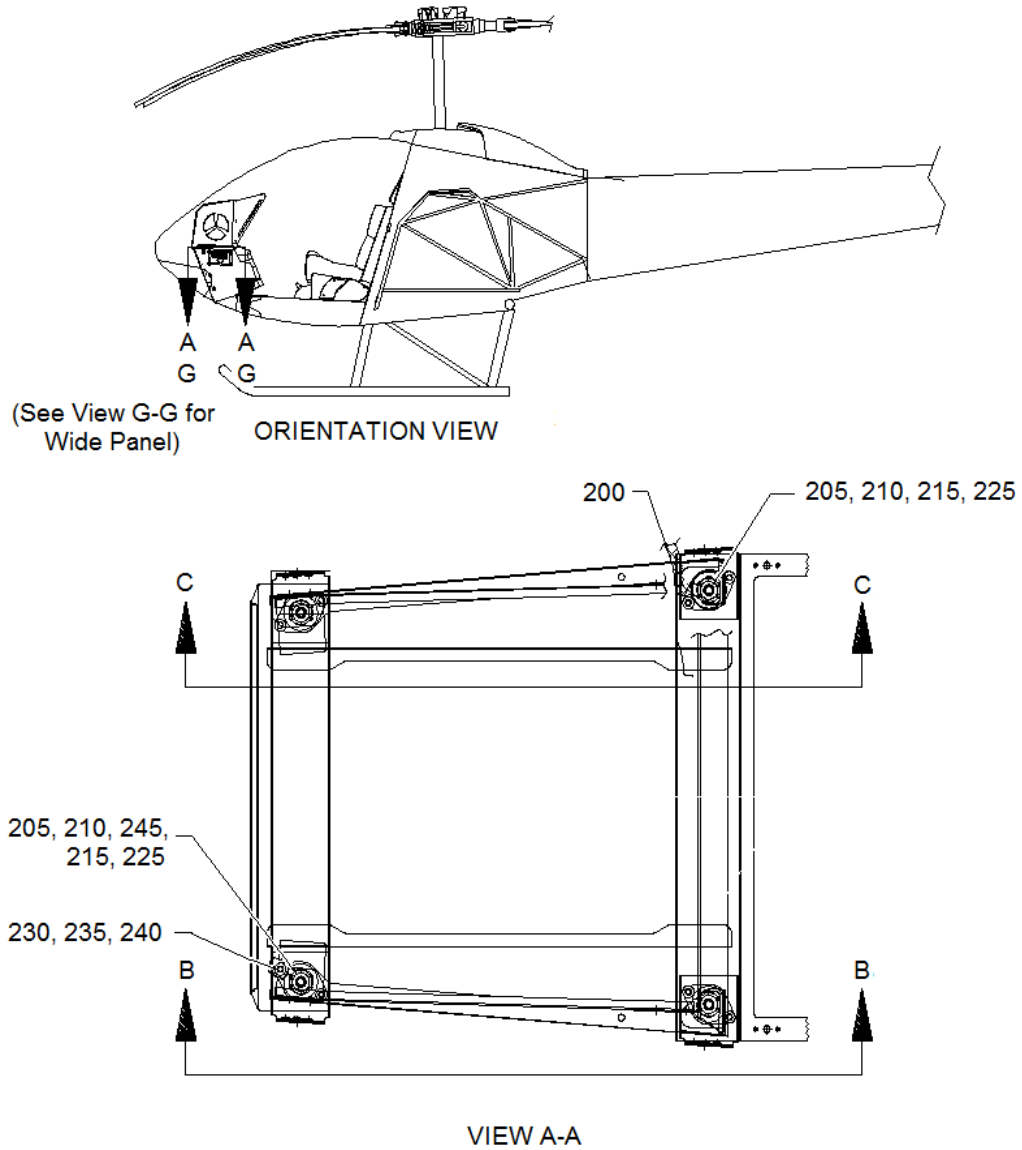
INSTRUMENT PANEL LAYOUT MAY VARY DEPENDING ON CUSTOMER PREFERENCES.

280FX: S/N 2167 AND SUBSEQUENT

Sheet 1 of 4

FIGURE 11-9. 280FX INSTRUMENTS AND INSTRUMENT PANEL

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

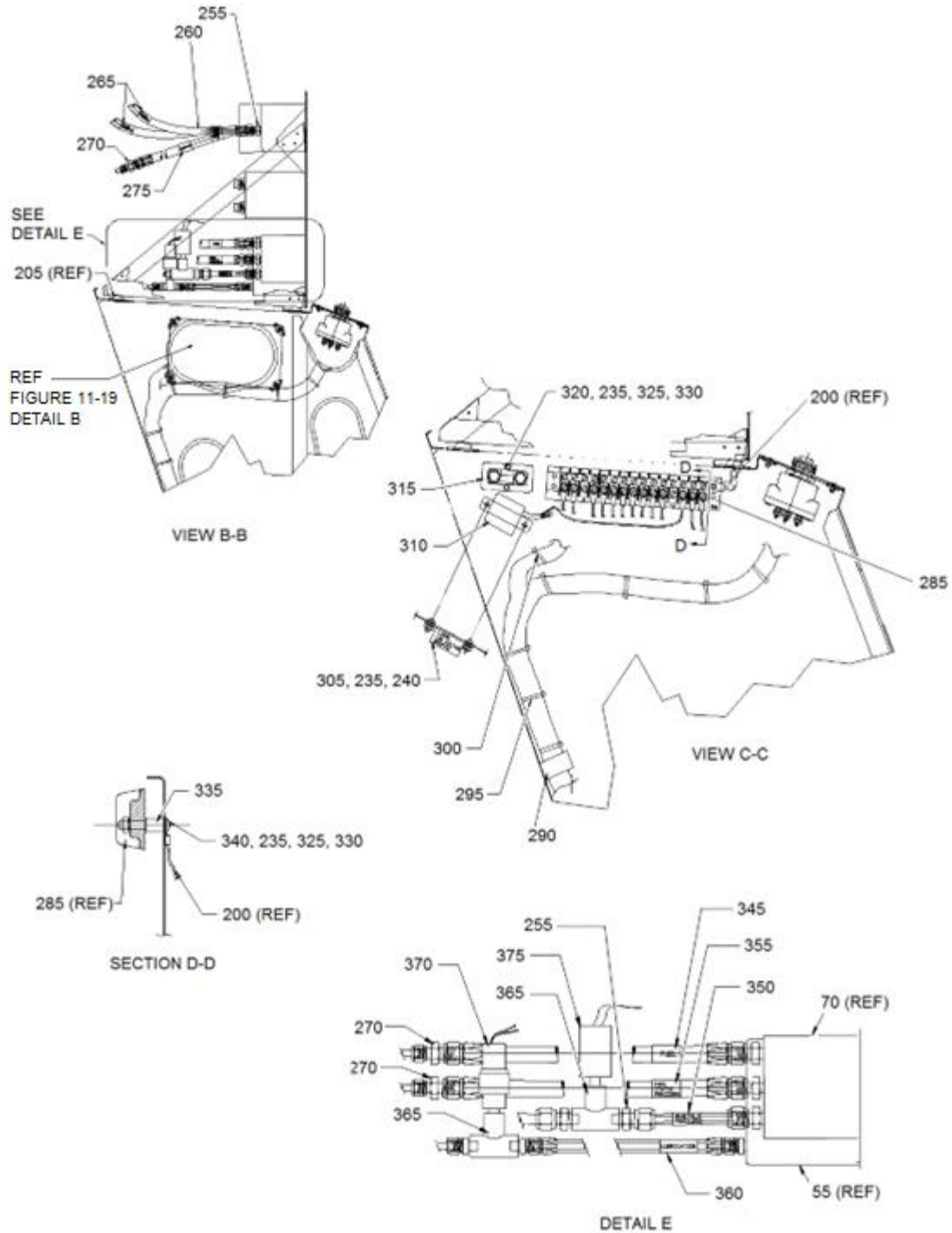


280FX: S/N 2167 AND SUBSEQUENT

Sheet 2 of 4

FIGURE 11-9. 280FX INSTRUMENTS AND INSTRUMENT PANEL

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

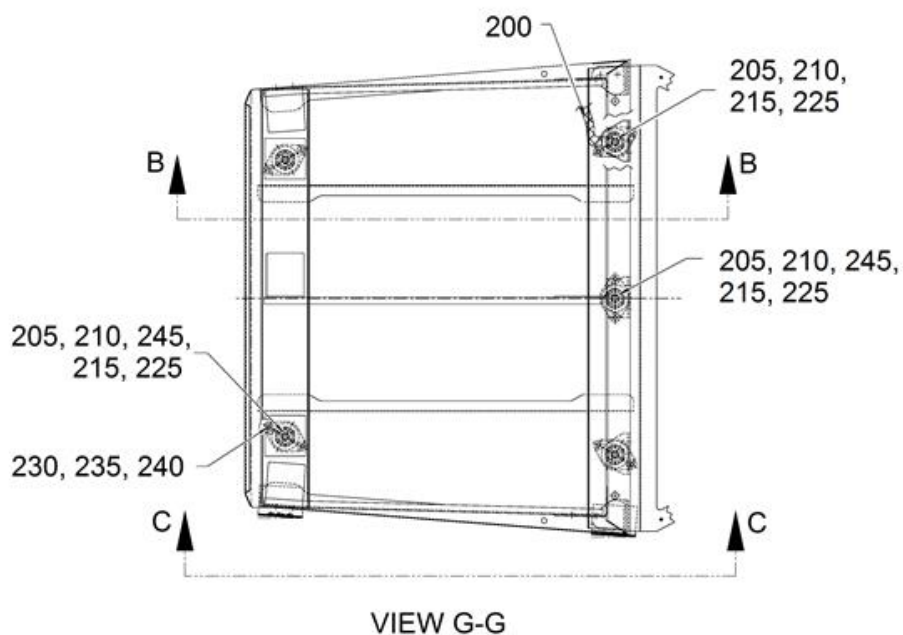
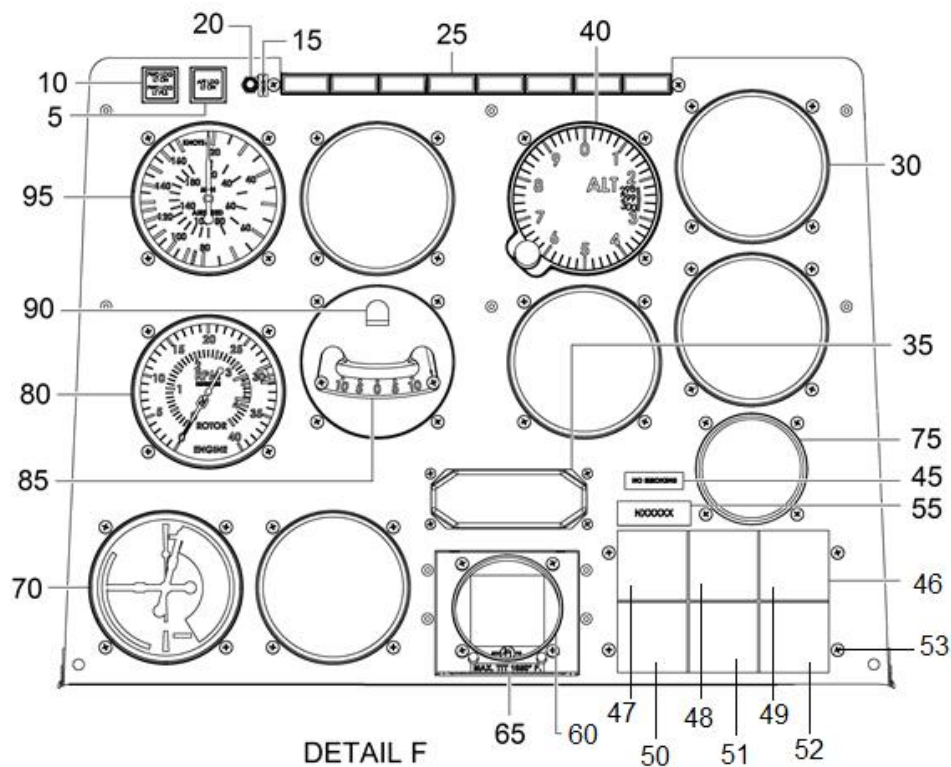


280FX: S/N 2167 AND SUBSEQUENT

Sheet 3 of 4

FIGURE 11-9. 280FX INSTRUMENTS AND INSTRUMENT PANEL

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG



INSTRUMENT PANEL LAYOUT MAY VARY DEPENDING ON CUSTOMER PREFERENCES.

280FX: S/N 2167 AND SUBSEQUENT
(WIDE PANEL OPTION)

Sheet 4 of 4

FIGURE 11-9. 280FX INSTRUMENTS AND INSTRUMENT PANEL

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-9. 280FX INSTRUMENTS AND INSTRUMENT PANEL

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
-	28-18099-171	Instrument Installation 280FX (Narrow)	REF							X
-	28-18099-179	280FX Instrument Installation	REF							X
-	28-18099-173	Instrument Installation 280FX (Wide)	REF							X
-	28-18099-181	Wide Console Instrument Installation	REF							X
5	LED-40-1J-HG2-SBMMF	. Aft Landing Light Annunciator	1							X
10	LED-40-1J-HG2-SBMMD	. FWD Landing Light Annunciator	1							X
15	28-19046-11	. Placard (TEST)	1							X
20	30-1UL	. . Switch	1							X
25	ECD089-3	. Light Assembly Annunciator	1							X
-	MS35214-15	. Screw	2							X
-	327	. Lamp 24V	16							X
30	28-18060-11	. Instrument Cutout Cover	A/R							X
-	MS35214-26	. Screw	A/R							X
-	NAS1149FN616P	. Washer	A/R							X
-	MS21083N06	. Nut	A/R							X
35	28-18060-13	. Cover	1							X
-	MS35214-15	. Screw	4							X
-	NAS1149FN416P	. Washer	4							X
-	MS21044N04	. Nut	4							X
40	5934PD-3-A.253	. Altimeter	1							X
-	MS35214-31	. Screw	3							X
45	28-19064-1	. Placard	1							X
46	ECD071-15	. Instrument Cluster	1							X
47	ECD071-103	. . Fuel Qty. Gauge	1							X
48	ECD071-104	. . Oil Temp. MRGB Gauge	1							X
49	ECD071-105	. . Ammeter Gauge	1							X
50	ECD071-106	. . Eng. Oil Press. Gauge	1							X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-9. 280FX INSTRUMENTS AND INSTRUMENT PANEL

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
51	ECD071-107	. . Eng. Oil Temp. Gauge	1							X
52	ECD071-108	. . Cylinder Temp. Gauge	1							X
53	MS35214-27	. Screw	4							X
55	28-180020-11	. Placard	1							X
60*	28-22093-3	. EDM-700-4C Installation	REF							X
–65●	28-22086-1	. GEM G2 Provisions	REF							X
–	AN515-B6R3	. Screw	4							X
65	28-22543-13	. Placard (Included in Item 60)	REF							X
70	ECD077-11	. Manifold Pressure and Fuel Flow Gauge	1							X
–	MS35214-31	. Screw	4							X
75	28-18060-15	. Cover	1							X
–	MS35214-26	. Screw	4							X
–	NAS1149FN616P	. Washer	4							X
–	MS21083N06	. Nut	4							X
80	ECD072-11	. Dual Tachometer	1							X
–	MS35214-31	. Screw	4							X
85♦	1040	. Inclinator	1							X
90♦	01-0770119-15	. Post Lite	1							X
–♦	4196603-23	. Plug	1							X
–♦	MS35214-30	. Screw	2							X
–	MS35214-26	. Screw	4							X
–♦♦	NAS1149FN616P	. Washer	6							X
–♦♦	MS21083N06	. Nut	6							X
95	8000 B.853	. Airspeed Indicator	1							X
–	MS35214-31	. Screw	4							X
100	ECD112-1	. Illuminated Panel	1							X
–	28-18171-35	. Panel	A/R							X
–	28-18171-37	. Panel	A/R							X
–±	28-18171-39	. Panel	1							X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-9. 280FX INSTRUMENTS AND INSTRUMENT PANEL

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
—►	28-18171-41	. Panel	1							X
105	MS24693-BB26	. Screw	4							X
110	7277-5-3	. Circuit Breaker (3 Amp)	2							X
115	7277-5-2	. Circuit Breaker (2 Amp)	3							X
120	7277-5-5	. Circuit Breaker (5 Amp)	2							X
125	KN500B1/8	. Knob	1							X
—	381N-500-S	. Potentiometer	1							X
—±►	P261P- S1AS3CB1K	. Potentiometer	1							X
130	7270-1-35	. Switch (35 Amp)	1							X
135	7270-1-3	. Switch (3 Amp)	1							X
140	7270-1-5	. Switch (5 Amp)	3							X
145	7270-1-7½	. Switch (7½ Amp)	1							X
150	12TS15-2	. Switch-Toggle	2							X
155	15PA90-4R	. Cap (red)	1							X
160	160-012-70	. Circuit Breaker	1							X
165	10-357290-1	. Ignition Switch	1							X
170	ECD112-3	. Illuminated Radio Panel	1							X
—172	ECD112-5	. Illuminated Radio Panel	1							X
175	MS24693-BB26	. Screw	6							X
180	1678	. Plug	7							X
185	7101SYZQE	. Switch (Included with Item 60)	REF							X
200	28-19021-10	. Grounding Strap	1							X
205**	770001-5	. Mount	4							X
210**	AN3-12A	. Bolt	4							X
215**	NAS1149F0332P	. Washer	5							X
225**	MS21044N3	. Nut	4							X
230	MS35190-253	. Screw	8							X
235	NAS1149FN832P	. Washer	16							X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-9. 280FX INSTRUMENTS AND INSTRUMENT PANEL

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
240	MS21083N08	. Nut	10							X
245**	NAS1149F0363P	. Washer	3							X
255	AN816-4D	. Adapter	10							X
260#	28-18061-1	. Hose	7							X
265	28-12470-11	. Placard	2							X
270	AN815-4D	. Coupling	3							X
275	28-12472-11	. Placard	2							X
285	28-19123-9	. Terminal Strip	1							X
290	28-19023	. Clamp	1							X
295	SST2S-MP	. Cable Tie	A/R							X
300	SST1.5I-MP	. Cable Tie	A/R							X
305	MS35206-244	. Screw	2							X
310	B-00378-5	. Low Voltage Sensor	1							X
315	22-370-60	. Shunt	1							X
320	MS35206-247	. Screw	2							X
325	MS35338-42	. Lock Washer	4							X
330	MS35649-282	. Nut	4							X
335	28-18033-1	. Spacer	2							X
340	MS35206-250	. Screw	2							X
345	28-12473-11	. Placard	2							X
350	28-12471-11	. Placard	2							X
355	28-12475-11	. Placard	2							X
360	28-12474-11	. Placard	2							X
365	AN917-1D	. Tee	1							X
370	2335-265-1	. Oil Pressure Switch	1							X
375	ECD078-11	. Pressure Switch	1							X

— Not illustrated.

◆ Omit these items if an optional attitude gyro, turn and slip gyro with mechanical inclinometer ball, or PFD display with attitude indication is installed.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

♦♦ Reduce quantity by two if an optional attitude gyro, turn and slip gyro with mechanical inclinometer ball, or PFD display with attitude indication is installed.

* See Figure 11-19.

** Increase quantity by one (1) for the 28-18099-173 wide instrument panel.

• 28-18099-179 and 28-18099-181 are acceptable alternates when the 28-22086-1 graphic engine monitor provisions are installed.

± 28-18061-3 hose assembly is an acceptable alternate for the 28-18099-179 and 28-18099-181 installation.

± For 28-18099-179 installation, 381N-500-S and 28-18171-35 are acceptable alternates. If parts are substituted, both the potentiometer and panel must be substituted. They are not interchangeable.

► For 28-18099-181 installation, 381N-500-S and 28-18171-37 are acceptable alternates. If parts are substituted, both the potentiometer and panel must be substituted. They are not interchangeable.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

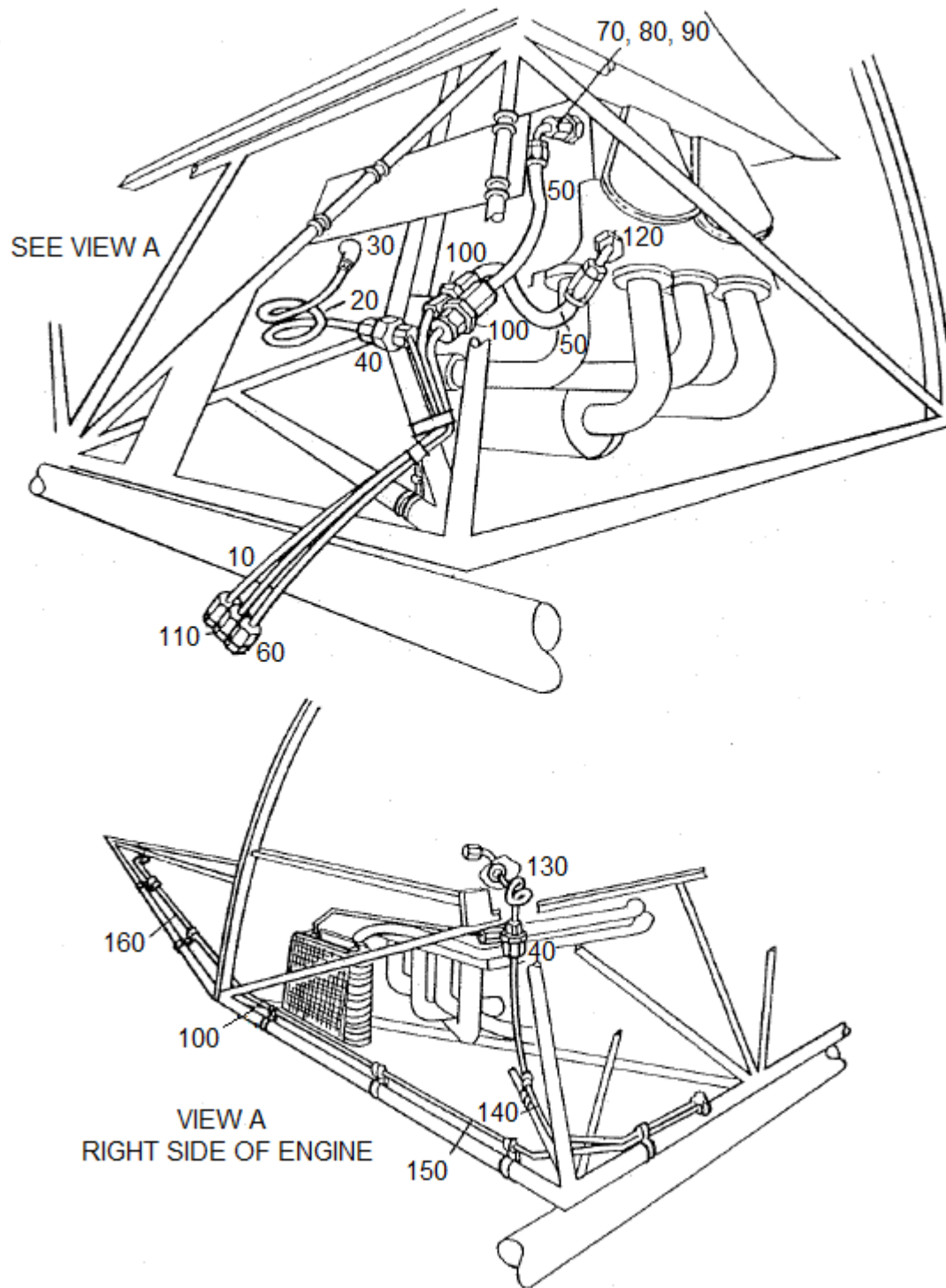


FIGURE 11-10. F-28A AND 280 INSTRUMENT LINE PYLON LOCATION

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-11. PITOT STATIC SYSTEM INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
10	28-18103-4	. Vent	2	X	X	X	X	X	X	X
20	MS20822-4D	. Elbow	2	X	X	X	X	X	X	X
20	AN822-4D	. Elbow (Replaced by MS20822-4D)	2	X	X	X	X	X	X	X
30	28-18113-1	. Static Vent Line Assembly	2	X	X	X	X	X	X	X
40	AN824-4D	. Union	1	X	X	X	X	X	X	X
40	AN834-4D	. Tee Fitting (Replaced by AN824-4D)	1	X	X	X	X	X	X	X
50	28-18112-1	. Static Air Vent Assembly	1	X	X	X	X	X	X	X
60	MS21919WCJ4	. Clamp	4	X	X	X	X	X	X	X
60	MS21919F4	. Clamp (Superseded by MS21919WCJ4)	4	X	X	X	X	X	X	X
70	MS35206-245	. Screw	4	X	X	X	X	X	X	X
70	AN526-1032R8	. Screw (Replaced by MS35206-245)	4	X	X	X	X	X	X	X
80	NAS1149FN816P	. Washer	8	X	X	X	X	X	X	X
80	AN960C10L	. Washer (Replaced by NAS1149FN816P)	8	X	X	X	X	X	X	X
90	MS21044N08	. Nut	4	X	X	X	X	X	X	X
90	AN365-1032A	. Nut (Replaced by MS21044N08)	4	X	X	X	X	X	X	X
100	AN743-13	. Support Clamp Bracket	2	X	X	X	X	X	X	X
110	AN832-4D	. Union	1	X	X	X	X	X	X	X
120	NAS1149F0732P	. Washer	2	X	X	X	X	X	X	X
120	AN960-716	. Washer (Replaced by NAS1149F0732P)	1	X	X	X	X	X	X	X
130	AN924-4W	. Nut	1	X	X	X	X	X	X	X
130	AN924-4D	. Nut (Superseded by AN924-4W)	1	X	X	X	X	X	X	X
140	28-18103-4	. Vent	1	X	X	X	X	X	X	X
-140A	28-18103-7	. Pitot Static Pressure	1	X	X	X	X	X	X	X
150	AN815-4	. Union	1	X	X	X	X	X	X	X
160	28-11120-1	. Pitot Tube Assembly	1	X	X	X	X	X	X	X
170	28-11121-7	. Stiffener	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-11. PITOT STATIC SYSTEM INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
180	MS27039-0808	. Screw	4	X	X	X	X	X	X	X
180	AN525-832R8	. Screw (Superseded by MS27039-0808)	4	X	X	X	X	X	X	X
190	NAS1149FN832P	. Washer	4	X	X	X	X	X	X	X
190	AN960-8	. Washer (Alternate)	4	X	X	X	X	X	X	X
200	MS21083N08	. Nut	4	X	X	X	X	X	X	X
200	AN364-832A	. Nut (Superseded by MS21083N08)	4	X	X	X	X	X	X	X
210	28-11121-4	. Silicone Tube	1	X	X	X	X	X	X	X
220	551-5	. Ty-Wrap	2	X	X	X	X	X	X	X
230	28-11121-901	. Pitot Pressure Line	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-18. MECHANICAL TACHOMETER DRIVE INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-18020-1	Mechanical Tachometer Drive Installation	REF			X	X	X	X	X
–	28-18020-5	Tachometer Assembly	REF			X	X	X	X	X
–	28-18020-7	Tachometer Bracket Assembly	REF			X	X	X	X	X
5	AN3-11A	. Bolt, Machined	4			X	X	X	X	X
10	AN365-1032A	. Nut	4			X	X	X	X	X
15	AN960-10	. Washer	12			X	X	X	X	X
20	28-18028-1	. Bracket	1			X	X	X	X	X
25	MS21919WDG-5	. Clamp	4			X	X	X	X	X
30	MS21919WDG-14	. Clamp	3			X	X	X	X	X
35	MS21919WDG-12	. Clamp	1			X	X	X	X	X
40	AN515-8-R8	. Screw	4			X	X	X	X	X
45	AN960-8	. Washer	A/R			X	X	X	X	X
50	AN340-832	. Nut	4			X	X	X	X	X
55	AN935-8	. Lock Washer	4			X	X	X	X	X
60	ECD108-1	. Engine Tach Cable	1			X	X	X	X	X
65	ECD108-3	. Rotor Tach Cable	1			X	X	X	X	X
70	H1911Z3	. Alemite Fitting	1			X	X	X	X	X
70	1911-B1	. Alemite Fitting (Alternate)	1			X	X	X	X	X
75	28-18031-3	. Pulley Weather Guard	1			X	X	X	X	X
80	NAS1611-333A	. O-Ring	2			X	X	X	X	X
85	28-18027-1	. Driver Pulley	1			X	X	X	X	X
90	28-18030-1	. Driven Pulley	1			X	X	X	X	X
95	79-012-062-0500	. Roll Pin	1			X	X	X	X	X
100	28-18024-5	. Drive Shaft Assembly	1			X	X	X	X	X
105	28-18034-1	. Spacer	1			X	X	X	X	X
110	N5000-62-PP	. Retaining Ring	1			X	X	X	X	X
115	ECD066-1	. Bearing	1			X	X	X	X	X
120	28-18026-3	. Output Housing	1			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-18. MECHANICAL TACHOMETER DRIVE INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
125	B-710	. Needle Bearing	1			X	X	X	X	X
130	1886	. Type TC Oil Seal	1			X	X	X	X	X
130	B44-28-2	. Type B Oil Seal (Alternate)	1			X	X	X	X	X
135Δ	NK501-10-6	. Screw	4			X	X	X	X	X
140♦	NK500-8-A/R	. Screw	A/R			X	X	X	X	X

Δ NP501-10() screws are an acceptable alternate for NK501-10() screws.

♦ NP500-8() screws are an acceptable alternate for NK500-8() screws.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-21. PLACARD INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
–	28-00017-1	Placard Installation F28F	REF					X		
–	28-00018-1	Placard Installation 280FX	REF							X
10	28-00014-1	. Placard: Decal “Enstrom” Full	A/R					X		X
20	28-00014-3	. Placard: Decal “Enstrom” Small	A/R					X		X
30	28-00015-1	. Placard: Decal Blade Logo Full	A/R					X		X
40	28-00015-3	. Placard: Decal Blade Logo Small	A/R					X		X
50	28-00016-1	. Placard: Decal, “F28F” Full	A/R					X		
60	28-00016-3	. Placard: Decal, “F28F” Small	A/R					X		
70	28-12433-1	. Placard: Fuel “100/130 OCT-20 GAL”	2			X	X	X	X	X
80	28-12433-21	. Placard: Fuel Tank Cap	2					X		X
90	28-12479-11	. Placard: “Fuel Sump Drain”	1				X	X	X	X
100	28-12830-11	. Placard: Baggage Box Max 108 lb.	1			X	X	X	X	X
110	28-17164-13	. Placard: No Step	2					X		X
120	28-18009-15	. Placard: Data, A/C MFG (F28F)	1					X		
130	28-18105-11	. Placard: Static	2	X	X	X	X	X	X	X
140	28-20107-11	. Placard: “No Push”	3	X	X	X	X	X	X	X
150	4119920-11	. Registration Number Placard	A/R					X		X
160	4119920-13	. Registration Number Placard	A/R					X		X
170	4119920-15	. Registration Number Placard	A/R					X		X
180	CCR274SS-3-02	. Rivet	4					X		X
190	28-00013-1	. Placard: Decal, “280FX” Full	A/R							X
200	28-00013-3	. Placard: Decal “280FX” Small	A/R							X
210	28-18009-27	. Placard 280FX Model	1							X
210	28-18009-11	. Placard: Data, A/C MFG (280FX) (Replaced by 28-18009-27)	1							X
220	28-12416-3	. Placard – Fuel Shut-Off	1	X	X	X	X	X	X	X
230	28-12420-11	. Placard – Sump Pump	1	X	X	X	X	X	X	
240	28-12420-13	. Placard – Sump Drain	1	X	X	X	X	X	X	

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-21. PLACARD INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
250	28-12420-15	. Placard – Sump Drain	1	X	X	X	X	X	X	
260	28-12424-1	. Placard – Sight Gauge Border	1	X	X	X	X			
270	28-12425-1	. Placard – Fuel Tank 60 lbs.	1	X	X	X	X			
280	28-12426-1	. Placard – Fuel Tank 120 lbs.	1	X	X	X	X			
290	28-12427-1	. Placard – Fuel Tank 180 lbs.	1	X	X	X	X			
300	28-12428-1	. Placard – Fuel Tank 240 lbs.	1	X	X	X	X			
310	28-12433-1	. Placard – Fuel Tank Cap. 20 Gal. (White)	2			X	X	X	X	X
310	28-12433-2	. Placard – Fuel Tank Cap. 20 Gal. (White) (Replaced by 28-12433- 1)	2			X	X	X	X	X
320	28-12433-13	. Placard – Fuel Tank Cap. 20 Gal. (Red)	2			X	X	X	X	X
330	28-12450-11	. Placard – Fuel Tank 15 Gal. (Red)	1	X	X					
340	28-12450-13	. Placard – Fuel Tank 15 Gal. (White)	1	X	X					
350	28-12816-1	. Placard – 60# Max. Wt. (Baggage Box)	1	X	X	X	X			
360	28-14270-1	. Placard – Main Rotor Blade Grip	3	X	X	X	X	X	X	X
370	28-14374-15	. Placard – Oil Damper Reservoir	3	X	X	X	X	X	X	X
370	28-14374-13	. Placard – Damper Reservoir (Replaced by 28-14374-15)	3	X	X	X	X	X	X	X
380	28-16215-1	. Placard – On/Off	A/R	X	X	X	X	X	X	X
390	28-16296-11	. Placard – Coll. Friction	1	X	X	X	X	X	X	X
400	28-16449-1	. Fuel Mixture Placard	1	X	X	X	X	X	X	X
410	28-16525-1	. Placard – Rotor Clutch	1	X	X	X	X	X	X	X
420	28-16526-1	. Placard – Pull to Engage	1	X	X	X	X	X	X	X
430	28-17005-1	. Warning Placard – Ground Handling Lever	1	X	X	X	X	X	X	X
440	28-17318-1	. Placard – Aft Landing Light	1	X						
450	28-17331-15	. Placard Never Ex Speeds Floats	1			X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

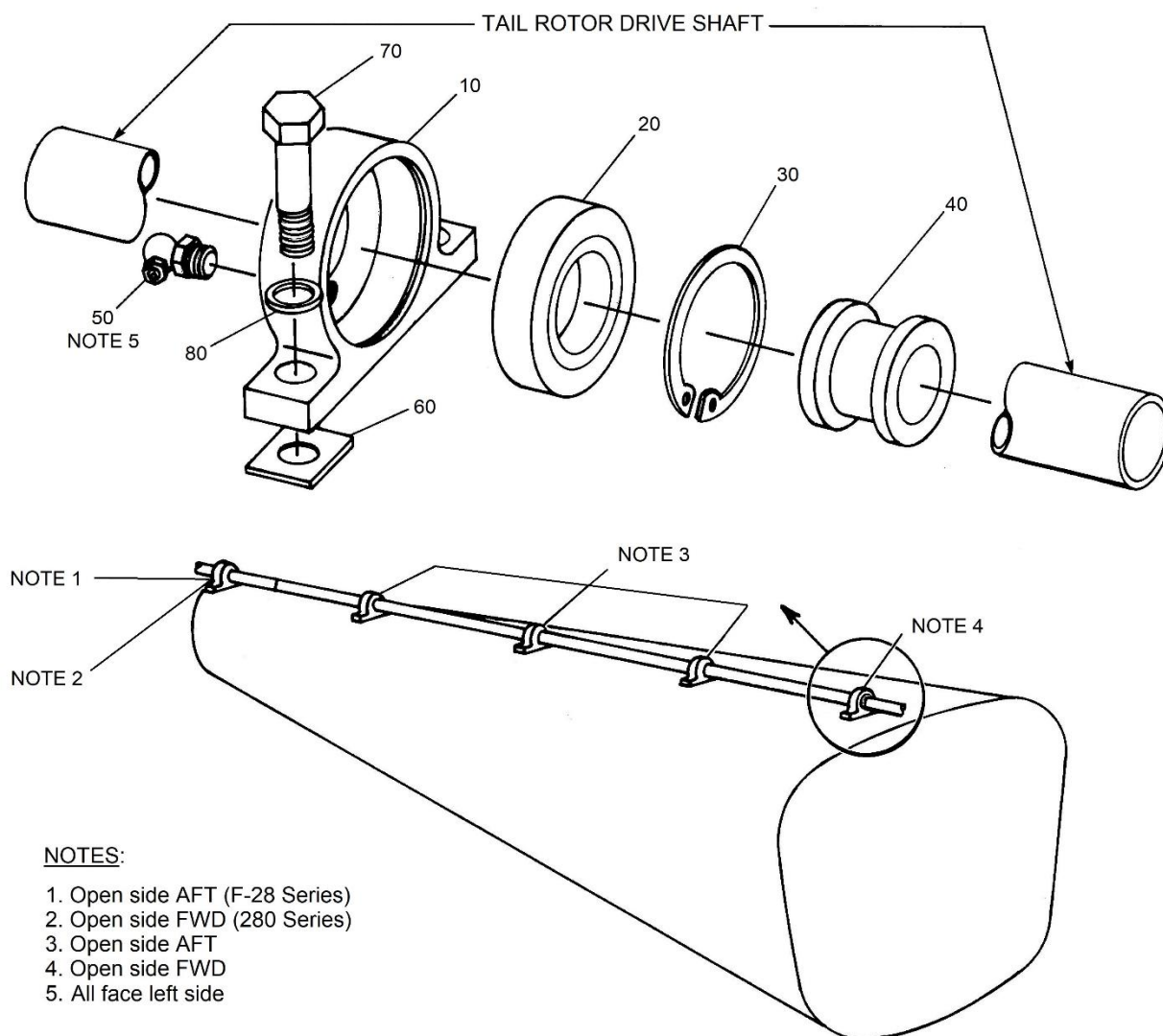


FIGURE 12-3. TAIL ROTOR HANGER BEARING INSTALLATION

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 12-3. TAIL ROTOR HANGER BEARING INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
-5	28-13617-902	. Bearing Housing Assembly	5	X	X	X	X	X	X	X
10	28-13611-1	. . Bearing Housing	1	X	X	X	X	X	X	X
20	ECD015-11	. . Bearing	1	X	X	X	X	X	X	X
30	N5000-187-ZD	. . Snap Ring	1	X	X	X	X	X	X	X
40	28-13606-1	. . Bushing	1	X	X	X	X	X	X	X
50	H1637Z3	. . Lube Fitting	1	X	X	X	X	X	X	X
50	1637-B	. . Lube Fitting (Alternate)	1	X	X	X	X	X	X	X
-55*	28-11238-1	. Bracket Assembly	1							X
60	28-13605-3	. Shim .003	A/R	X	X	X	X	X	X	X
60	28-13605-4	. Shim .007	A/R	X	X	X	X	X	X	X
60	28-13605-5	. Shim .020	A/R	X	X	X	X	X	X	X
60	28-13605-6	. Shim .032	A/R	X	X	X	X	X	X	X
60	28-13605-7	. Shim .063	A/R	X	X	X	X	X	X	X
60	28-13605-8	. Shim .025	A/R	X	X	X	X	X	X	X
70	AN3-5A	. Bolt (Length AR)	8	X	X	X	X	X	X	X
70	NAS6603D4	. Bolt	2	X	X	X	X	X	X	X
70A**	AN3H5A	. Bolt (Length AR) (Superseded by NAS6603D4)	2	X	X	X	X	X	X	X
80	NAS1149C0332R	. Washer	10	X	X	X	X	X	X	X
80	AN960-C10L	. Washer (Alternate)	10	X	X	X	X	X	X	X

* Install under aft-most bearing housing on 280FX models for drive shaft cover.

** Installed at aft-most bearing housing.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

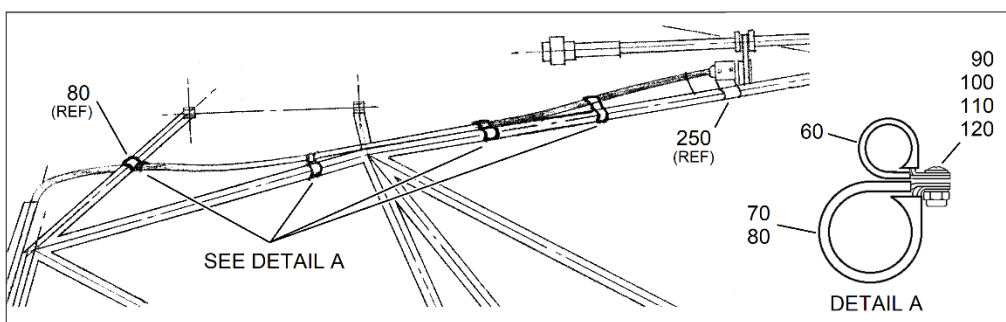
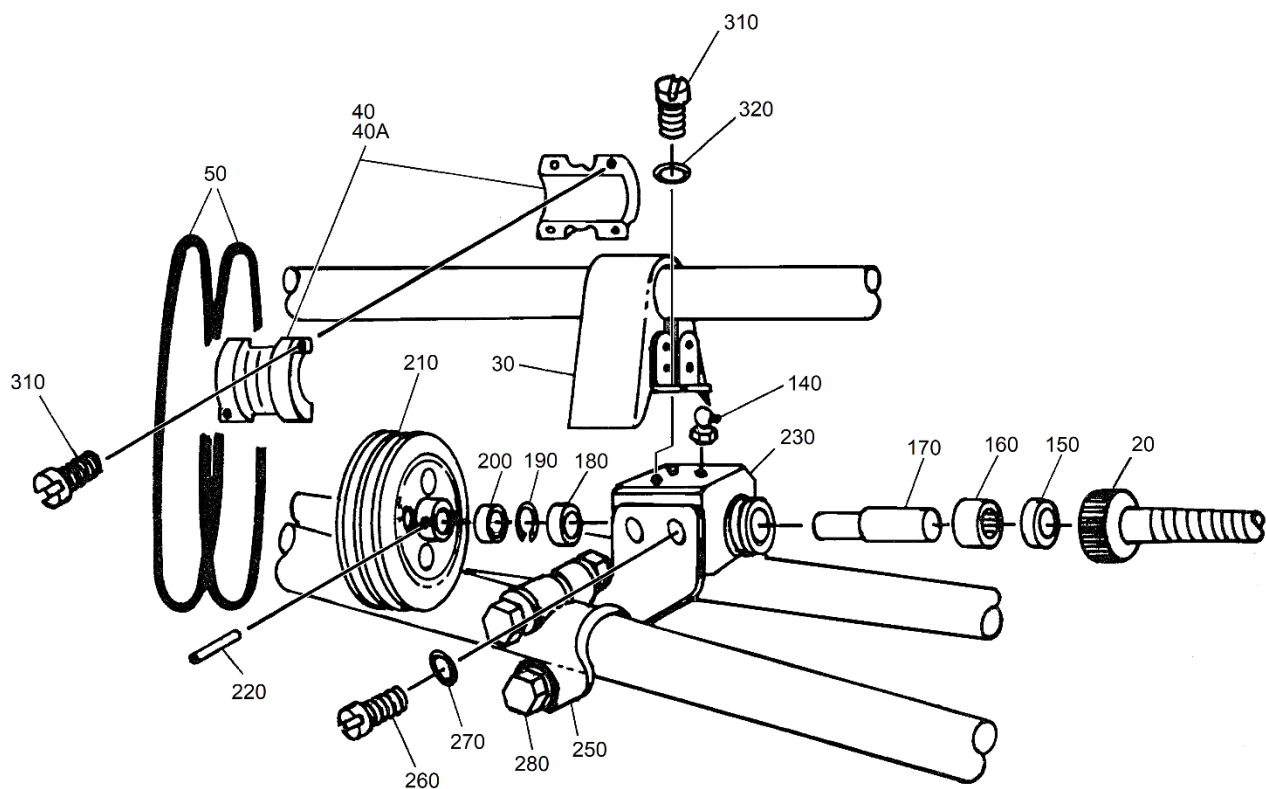


FIGURE 12-4. ROTOR TACHOMETER ASSEMBLY

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 12-4. ROTOR TACHOMETER ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
-10	28-18020-1	Tach Drive Assembly	REF	X	X			X	X	X
-10A	28-18020-3	Tach Drive Assembly (Inactive)	REF			X	X			
20	ECD108-3	. Rotor Tach Cable	1	X	X	X	X	X	X	X
20	12528Y-A164	. Rotor Tach Cable (Superseded by ECD108-3)	1	X	X	X	X	X	X	X
30*	28-18031-3	. Cover	1	X	X	X	X	X	X	X
30	28-18031-1	. Cover (Replaced by 28-18031-3)	1	X	X	X	X	X	X	X
40	28-18027-1	. Driver Pulley	1	X	X			X	X	X
40A	28-180010-11	. Driver Pulley (Inactive)	1			X	X			
50	NAS1611-333A	. O-Ring	2	X	X	X	X	X	X	X
60	MS21919WDG-5	. Clamp	4	X	X	X	X	X	X	X
70	MS21919WDG-14	. Clamp	3	X	X	X	X	X	X	X
80	MS21919WDG-12	. Clamp	1	X	X	X	X	X	X	X
90	MS35206-245	. Screw	4	X	X	X	X	X	X	X
90	AN515-8R8	. Screw (Superseded by MS35206-245)	4	X	X	X	X	X	X	X
100	NAS1149FN832P	. Washer	8	X	X	X	X	X	X	X
100	AN960-8	. Washer (Alternate)	8	X	X	X	X	X	X	X
110	AN935-8	. Lock Washer	4	X	X	X	X	X	X	X
120	MS35649-282	. Nut	4	X	X	X	X	X	X	X
120	AN340-832	. Nut (Superseded by MS35649-282)	4	X	X	X	X	X	X	X
-130	28-18020-5	. Tach Assembly	REF	X	X	X	X	X	X	X
140	H1911Z3	. . Lube Fitting	1	X	X	X	X	X	X	X
140	1911-B1	. . Lube Fitting (Alternate)	1	X	X	X	X	X	X	X
150	1886	. . Seal, Type TC	1	X	X	X	X	X	X	X
150	B-44-28-2	. . Seal, Type B (Alternate)	1	X	X	X	X	X	X	X
160	B-710	. . Bearing	1	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 12-5. TAIL ROTOR BLADE CONTROL INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
680	MS20995-C25	. Safety Wire	A/R	X	X	X	X	X	X	X
690	AN503-10-18	. Screw	4	X	X	X	X	X	X	X
700	NAS1149F0363P	. Washer	10	X	X	X	X	X	X	X
710	NAS6603D7	. Bolt	2	X	X	X	X	X	X	X
720	28-16353-5	. Spacer	8	X	X	X	X	X	X	X
730	NAS6604D15	. Bolt	2	X	X	X	X	X	X	X
740	MS28775-111	. O-Ring	2	X	X	X	X	X	X	X
750	NAS1149C0463R	. Washer	6	X	X	X	X	X	X	X
760	NAS1149F0463P	. Washer	4	X	X	X	X	X	X	X
770	NAS6604D17	. Bolt	3	X	X	X	X	X	X	X
780●	428-3-VG	. Sleeve	4	X	X	X	X	X	X	X
780	18-2-G	. Sleeve (Replaced by 428-3-VG)	4	X	X	X	X	X	X	X
790	AN100C-4	. Thimble	4	X	X	X	X	X	X	X
800▲	MS21251-B3S	. Barrel	2	X	X	X	X	X	X	X
810	MS21255-3LS	. Eye End	2	X	X	X	X	X	X	X
820	MS21256-1	. Clip	4	X	X	X	X	X	X	X
830	MS21255-3RS	. Eye End	2	X	X	X	X	X	X	X
840	MS24665-300	. Cotter Pin	4	X	X	X	X	X	X	X
850	NAS6603D9	. Bolt	2	X	X	X	X	X	X	X
860	MS24566-2B	. Pulley	2	X	X	X	X	X	X	X
860	AN210-2B	. Pulley (Superseded by MS24566-2B)	2	X	X	X	X	X	X	X
870	MS24665-157	. Cotter Pin	2	X	X	X	X	X	X	X
880	MS24566-3B	. Pulley	2	X	X	X	X	X	X	X
880	AN210-3B	. Pulley (Superseded by MS24566-3B)	2	X	X	X	X	X	X	X
890	MS24566-1B	. Pulley	2	X	X	X	X	X	X	X
890	AN210-1B	. Pulley (Superseded by MS24566-1B)	2	X	X	X	X	X	X	X

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

- * Preferred optional chrome installation on the pilot side.
- ◆ Acceptable alternate optional chrome installation on the co-pilot side per customer build order.
- ** Preferred optional chrome installation on the co-pilot side.
- † Painted flat black preferred installation on the pilot side.
- ▼ Acceptable alternate on the co-pilot per customer build order.
- △ Painted flat black preferred installation on the co-pilot side.
- ∞ ARTL5E rod end is an acceptable alternate.
- MS51844-83 sleeve is an acceptable alternate.
- ▲ MS21251-B3L barrel may be substituted for MS21251-B3S.
- ± ART5E rod end is an acceptable alternate.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 12-9. 28-15018-3 TAIL ROTOR ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	MODELS AFFECTED						
				F-28A	280	F-28C	280C	F-28F	280F	280FX
170	28-15005-1	.. Spacer	2	X	X					
180◇	28-15027-10	.. Spacer	2	X	X					
190	KP-16B	.. Bearing	2	X	X					
200	AN526-1032-6	.. Screw	2	X	X					
—	H1641Z3	.. Lube Fitting	2	X	X					
—	1641	.. Lube Fitting (Alternate)	2	X	X					
210	MS35206-249	.. Screw	4	X	X					
210	AN515-8-16	.. Screw (Superseded by MS35206-249)	4	X	X					
220	NAS1149FN832P	.. Washer	A/R	X	X					
220	AN960-8	.. Washer (Alternate)	A/R	X	X					
230	28-17308-1	.. Strike Indicator	2	X	X					
240†▲	28-15013-1	.. Plate	2	X	X					

- Alternate is KP8A.
- * Alternate is 28-14121-11.
- † Item 110 and Item 240 are used together for right hand installation only.
- ▲ 28-150021-11 and 28-150023-1 are preferred replacement parts and for right or left hand installation.
- ◇ Available as Kit 28-01023-1.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

I INTENTIONALLY LEFT BLANK

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

APPENDIX B

HARDWARE SUBSTITUTIONS

TABLE OF CONTENTS

Table of Contents	B-1
1 Introduction	B-3
2 Acceptable Substitution Conditions	B-3
3 Hardware Tables	B-3
Table A – Bolts	B-4
Table B – Screws	B-6
Table C – Nuts	B-8
Table D – Nut Plates	B-9
Table E – Solid Rivets	B-11
Table F – Blind Rivets	B-11
Table G – Washers	B-12
Table H – Rivnuts	B-13
Table I – Turnbuckles	B-14
Table J – Grommets	B-14
Table K – Cotter Pins	B-14
Table L – Clamps (Nylon)	B-15
Table M – Cable Ties	B-15
Table N – U-Channels (Rubber)	B-16
Table O – Shrink Tubing	B-16
Table P – Ring Tongue Terminals	B-17
Table Q – Retaining Rings	B-19
Table R – Cushioned Clamps	B-19
Table S – PlusNuts	B-19
Table T – Solder Sleeve Shield Terminators	B-19
Table U – Pipe Plugs (Countersink Hex Head)	B-19
Table V – Clip Nut	B-19
Table W – Plug and Bleeder – Screw Tread	B-19
Table X – Pin, Retaining, Safety	B-19
Table Y – Quarter Turn Fastener	B-19
Table Z – Quick Disconnect Terminal	B-19
Table AA – Plug (BNC, TNC, N)	B-20
Table AB – Roll Pin	B-20
Table AC – Sleeve, Coupling	B-20
Table AD – Clevis Pin	B-20
Table AE – Quarter (1/4) Turn Fastener Receptacle	B-20
Table AF – Sleeve, Flared Tube Fitting	B-20
Table AG – 3.5 mm Phone Jack	B-20
Table AH – Grease Fitting	B-20

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

I	Table AI – Washers, Extended AN960 Listing	B-21

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

1. Introduction

This specification establishes the conditions under which hardware may be substituted and lists the specific hardware which may be substituted. These standard substitutions apply only to components and assemblies which are designed by Enstrom and assembled in house. The tables which follow list the substitutions which are permissible. The hardware called out on the drawing is the preferred configuration. Each table contains a left-hand column which lists the basic or preferred hardware. The adjacent column to the right lists the alternate hardware. Alternate hardware may be used as a substitute for the hardware in the left column; however, hardware in the left column may NOT be substituted for hardware listed as alternate. In cases where hardware is interchangeable, 'Equivalent Substitution' will be stated in the right-hand column. In the case where there is no substitution, N/A (no alternate) will be stated in the right-hand column.

2. Acceptable Substitution Conditions

Hardware may be substituted without further approval when all the following conditions apply:

- The preferred hardware is unavailable.
- There is an acceptable alternate listed in this report.
- All other material conditions (hole diameter, material thickness, etc.) are within standard tolerances for the component.

To correct for component stack-up to ensure the nut is not screwed down against the last thread on the bolt and one to three threads showing past the nut, the grip length of the fastener may be substituted without further approval by the following methods:

- The length of rivets, screws, or bolts may be increased or decreased one grip length (a "dash number").
- Washers may be added or subtracted or washer thicknesses may be substituted. Up to a total of three washers may be installed in combination under the head of the bolt and/or nut. (Washer substitutions must be in accordance with standard aircraft practices.)
 - Consult Engineering if it is necessary to remove all the washers or if there is a conflict with the washer requirements on the approved drawing.
- Consult Engineering if a specific hardware installation consistently requires adjustment in accordance with the conditions of this paragraph.

Substitutions may NOT be made in fastener diameter without engineering approval. Substitutions may NOT be made beyond one grip length or "dash number" without engineering approval.

3. Hardware Tables

Tables for substitute hardware are provided on the following pages. If the substitution is applicable to all dash numbers of a particular part number, it will be represented by a set of open parentheses. For example, AN3-() would indicate that the substitution includes all dash numbers for the AN3 bolt.

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table A – Bolts

BOLT	ALTERNATE	
AN173-()	N/A	
AN174-()	N/A	
AN175-()	N/A	
AN176-()	N/A	
AN178-()	N/A	
AN3	NAS6603	
-3A	-1	
-10	D10	
-10A	-10	
-11A	-12	
-12	D14	
-12A	-14	
-13	D16	
-13A	-16	
-14A	-18	
-15A	-20	
-16A	-22	
-17A	-24	
-20A	-26	
-21	D28	
-21A	-28	
-22	D30	
-22A	-30	
-23A	-32	
-24A	-34	
-26	D38	
-27A	-40	
-30A	-42	
-31A	-44	
-33A	-48	
-34A	-50	
-4	D2	
-4A	2	
-5	D4	
-5A	-4	
-6	D6	
-6A	-6	
-7	D8	
-7A	-8	
H3A	H1	
H4A	H2	
H5A	H4	

Table A – Bolts

H6A	H6	
H10	DH10	
H13A	H16	
AN3	NAS6703	
C4A	-10	
C10A	D10	
AN4	NAS6604	
-3A	-1	
-4A	-1	
-5A	-3	
-6A	-5	
-7	D7	
-7A	-7	
-10A	-9	
-11	D11	
-11A	-11	
-12	D13	
-12A	-13	
-13	D15	
-13A	-15	
-14	D17	
-14A	-17	
-15	D19	
-15A	-19	
-16	D21	
-16A	-21	
-17	D23	
-17A	-23	
-20	D25	
-20A	-25	
-21A	-27	
-22A	-29	
-23	D31	
-23A	-31	
-25A	-36	
-26A	-38	
-27A	-40	
-30A	-42	
-31A	-44	
-33A	-48	
-34A	-50	
-35A	-52	
-36	D54	

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table A – Bolts

-36A	-54	
-37	D56	
-37A	-56	
-42A	-62	
H3A	H1	
H4A	H1	
H5A	H3	
H6A	H5	
H7A	H7	
H10A	H9	
H12A	H13	
H13A	H15	
H14A	H17	
H15A	H19	
H16A	H21	
AN4	NAS6704	
C5A	-3	
AN42BC11A	N/A	
AN42BC14A	N/A	
AN5	NAS6605	
-4A	-1	
-6A	-5	
-7	D7	
-10	D9	
-11	D11	
-11A	-11	
-12	D13	
-13	D15	
-13A	-15	
-15	D19	
-15A	-19	
-16	D21	
-16A	-21	
-17A	-23	
-21A	-27	
-22	D29	
-22A	-29	
-33A	-48	
-35A	-52	
-37A	-56	
-44A	-65	

Table A – Bolts

H4A	H1	
H5A	H3	
H6A	H5	
H7A	H7	
H10A	H9	
H46A	H69	
AN5	NAS6705	
C13A	-15	
AN6	NAS6606	
-6A	-3	
-7A	-5	
-10A	-7	
-11A	-9	
-20A	-23	
-22	D25	
-22A	-25	
-23A	-29	
-24A	-31	
-27A	-38	
-30A	-40	
-33	D46	
H6A	H3	
H34A	-48	
AN7	NAS6607	
-27A	-38	
H7A	-5	
AN73()	MS20073-03-()	
AN74()	MS20073-04-()	
AN75()	MS20073-05-()	
AN76()	MS20073-06-()	
AN73A() ¹	MS20074-03-()	Equivalent Substitution
AN74A() ¹	MS20074-04-()	
AN75A() ¹	MS20074-05-()	
AN76A() ¹	MS20074-06-()	
AN8	NAS6608	
-10A	-5	
LWB-22-6-58	N/A	
MS20006-()	N/A	
MS20074-()	N/A	
MS21250-()	N/A	
MS24677-()	N/A	

¹ Coarse thread

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table A – Bolts

NAS144	MS20004	
DH10	H4	
DH12	H4	
NAS146	MS20006	
DH22	H12	
DH24	H14	
NAS1004-()	N/A	
NAS1103-11	NAS6203-11	
NAS1104	NAS6204	
-9D	-9D	
-12	-12	
NAS1204-40D	N/A	
NAS1306	NAS6606	
-8	-8	
-48	-48	
NAS428-()	N/A	
NAS6203-()	N/A	²
NAS6204-()	N/A	
NAS6205-()	N/A	
NAS6206-()	N/A	
NK-6-6A	N/A	
NP5-6A	N/A	

Table B – Screws

SCREW	ALTERNATE	
AN502	NAS1101	
-10-8	-3-8	
-10-10	-3-10	
-10-12	-3-12	
-10-14	-3-14	
-10-18	-3-18	
AN503	NAS1101	
-8-4	-08-4	
-8-6	-08-6	
-8-8	-08-8	
-10-6	N/A	
-10-8	N/A	
-10-10	N/A	
-10-18	N/A	
-416-10	N/A	

Table B – Screws

-416-28	N/A	
AN505-4R6	MS35190-223	
AN505-4R7	MS35190-224	
AN507	MS24693	
-632-12	-S30	
-632R4	-S24	
-632R5	-S25	
-632R6	-S26	
-632R7	-S27	
-632R8	-S28	
-632R12	-S30	
-632R14	-S31	
-632R16	-S32	
-632R24	-S36	
-8-8	-S50	
-8R6	-S48	
-8R7	-S49	
-832-9	-S61	
-832R7	-S49	
-832R8	-S50	
-832R9	-S51	
-832R10	-S51	
-832R11	-S52	
-1032R6	-S270	
-1032R8	-S272	
-1032R10	-S273	
-1032R14	-S275	
-1032R44	-S287	
B632R6	-BB26	
B832R6	-B48	
B832R10	-B51	
C632R8	-C28	
C832-12	-C52	
C832R8	-C50	
C832R14	-C53	
C832R16	-C54	
C832R18	-C55	
C1024R14	-C75	
C1032-12	-C274	

² Equivalent substitution if grip length, exposed thread length, and use of washers, if required, meet the requirements of Paragraph 2

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table B – Screws

AN509	MS24694	
-8R4	-S1	
-8R5	-S2	
-8R6	-S3	
-8R7	-S4	
-8R8	-S5	
-8R9	-S6	
-8R10	-S7	
-8R14	-S11	
-8R16	-S13	
-8R18	-S15	
-8R20	-S17	
-10R10	-S52	
-10R16	-S58	
-10R38	-S80	
-516R16	-S148	
AN510	MS35199	
B10R10	-56	
AN515	MS35206	
-2R4	-203	
-4-20	-222	
-4R8	-217	
-4R10	-218	
-4R12	-219	
-5R6	N/A	
-6-3	-225	
-6-6	-228	
-6-7	-229	
-6-24	-236	
-6R4	-226	
-6R5	-227	
-6R6	-228	
-6R7	-229	
-6R8	-230	
-6R11	-232	
-6R18	-328	
-8-7	-244	
-8-8	-245	
-8-10	-246	
-8-16	-249	
-8-24	-251	
-8R5	-242	
-8R6	-243	

Table B – Screws

-8R7	-244	
-8R8	-245	
-8R10	-246	
-8R12	-247	
-8R14	-248	
-8R16	-249	
-8R18	-332	
-8R20	-250	
-8R24	-251	
-8R32	-253	
-10R8	-263	
10R10	-264	
AN515	MS35214	
B6R6	-25	
B6R7	-26	
B6R8	-27	
B6R10	-28	
B6R12	-29	
B6R14	-30	
B6R16	-31	
B6R18	-109	
B8R8	-42	
B8R12	-44	
AN515	MS51957	
C6R12	-32	
C8R5	-42	
AN520-()	MS35207-()	
AN520B()	MS35215-()	
AN520C()	MS51958-()	
AN520DD()	MS35219-()	
AN520PB()	MS35215-()C	
AN525-()	N/A	
AN526-()	N/A	
AN530	MS51861	
-4-6	-14	
-6-6	-24	
-6-8	-25	
-6R6	-24	
-6R8	-25	
-6R10	-26	
-8R6	-34	
-8R8	-35	

Self-Tapping

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table B – Screws

AN531	MS51862	
-6-6	-13	Self-Tapping
-6R6	-13	
-6R8	-14	
-6R10	-15	
AN535-()	MS21318-()	
BN4CPK5	N/A	
MS16998-()	N/A	
MS18063-8	25274N	
MS18066-()	N/A	
MS24693-()	N/A	
MS24694-()	N/A	
MS27039-()	N/A	
MS35206-()	N/A	
MS35214-()	N/A	
MS35265-()	N/A	
MS51957-()	N/A	
NP500-()	NK500-()	Equivalent Substitution
NP501-()	NK501-()	
NP509-()	NK509-()	
NP510-()	NK510-()	
NP525-()	NK525-()	
PK86XA()	N/A	
PK89XA()	N/A	
4122080-19	NAS1352-08H6	

Table C - Nuts

NUT	ALTERNATE	
AN310-5	MS17825-5	
AN315-()	N/A	
AN316-()	N/A	
AN320-()	N/A	
AN335-420	MS51967-2	
AN340	MS35649	
-4	-242	
-8	-282	
-632	-262	
-832	-282	
B832	-286B	
AN341-516	MS35650-3315T	

Table C - Nuts

AN345	MS35650	
-10	-302	
C416	-3254	
AN350-1032	MS35426-13	
AN363-524	MS21045L5	
AN364-()	MS20364-()	Equivalent Substitution
AN364-()	MS21083	
-428A	N4	
-524A	N5	
-624A	N6	
-632A	N06	
-820A	N8	
-832A	N08	
-1018A	N10	
-1032A	N3	
-1216A	N12	
AN365-()	MS21044	
-428A	N4	
-524A	N5	
-624A	N6	
-632A	N06	
-832A	N08	
-1032A	N3	
AN365-()	MS20365-()	Equivalent Substitution
AN818-()	AN818-()J	
AN924-()D	AN924-()W	
FN-22M-624	N/A	
F12NE-4717	MS17826	
-02	-3	
-048	-4	
-054	-5	
-064	-6	
-070	-7	
-080	-8	

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table C - Nuts

F12NE-4753	MS17825	
-02	-3	
-048	-4	
-054	-5	
-064	-6	
-080	-8	
MS17826-()	N/A	
MS20364-()	MS21083N()	
MS20365-()	MS21044N()	
MS20500-()	N/A	
MS21042-()	N/A	
MS21043-()	N/A	
MS21044-()	N/A	
MS51922-1	M45913/2-4CG5C	
NAS509-()	N/A	
NAS679-()	N/A	
22NKM()	N/A	
37FL624	N/A	

Table D – Nut Plates

NUT PLATE	ALTERNATE	
A1784-6Z1D	NAS395-6	
A1785-6Z-1	NAS395-7	
A1787-8Z1D	NAS395-18	
A1789-8Z-1	NAS395-16	
A6162-8Z-1	NAS444-14	
A6191-8Z-1	NAS444-4	
A6194-8Z-1	NAS445-4	
A6195-6Z-1	NAS444-2	
A6195-8Z-1	NAS444-5	
A6196-8Z-1	NAS445-5	
F22LHA27M22-62	N/A	
F22NA1	MS21078	
-02	-3	Equivalent Substitution
-048	-4	
-62	-06	
-82	-08	
-82BC	-08K	

Table D – Nut Plates

F22NA17A	MS21080	
-02	-3	Equivalent Substitution
-048	-4	
-62	-06	
-82	-08	
F22NA17	NAJ17	
-02BC	-02BC	3
-62	-62	
-62BC	-62BC	
-82	-82	
-82BC	-82BC	
MS21055L3	N/A	
MS21059L08K	MS21059L08	Nutplate attachment rivet use NAS1097AD3 ⁴
MS21069-08K	MS21069-08	
MS21073-()	N/A	
MS21075L()	NAS1068()	Equivalent Substitution
MS21078	F22NA1	
-3	-02	Equivalent Substitution
-4	-048	
-06	-62	
-08	-82	
-08K	-82BC	
MS21078	MS21078	
-3K	-3	Nutplate attachment rivet use NAS1097AD3 ⁵
-4K	-4	
-08K	-08	
MS21078	NAJ1	
-06	-62	6
-06K	-62BC	
-08	-82	
-08K	-82BC	
-3	-02	
-3K	-02BC	

³ Equivalent Substitution is permissible when the NAJ() nut plate is unavailable

⁴ Minimum sheet thickness .025

⁵ Equivalent Substitution is permissible when the NAJ() nut plate is unavailable

⁶ Equivalent Substitution is permissible when the NAJ() nut plate is unavailable

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table D – Nut Plates

MS21080	MS21080	
-3K	-3	Nutplate attachment rivet use NAS1097AD3 ⁷
-4K	-4	
-08K	-08	
NAJ17-02BC	MS21080-3K	
NAJ38-82BC	NAS1024D08K	
NAJ5-048	NAS1027D4	
NAS1023-()	MS21078-()	Equivalent Substitution
NAS1023	NAJ1	
D06	-62	8
D06K	-62BC	
D08	-82	
D08K	82BC	
NAS1023D08K	NAS1023D08	
NAS1023D08K	MS21078-08K	
NAS1024D08K	NAS1024D08	Nutplate attachment rivet use NAS1097AD3 ¹⁰
NAS1025D06K	NAJ17-62BC	
NAS1025D08K	NAS1025D08	Nutplate attachment rivet use NAS1097AD3 ¹¹
NAS1024D08K	NAS1024N08K	
NAS1024N08K	NAS1024A08K	
NAS1024N08K	MS21078-08	Use with NAS500WKD8 nutplate spacer
NAS1025	NAJ17	
D3K	-02BC	12
D06	-62	

Table D – Nut Plates

D06K	-62BC	
D08	-82	
D08K	-82BC	
NAS1026N08K	NAS1026A08K	
NAS1033N06	N/A	
NAS1474A3	N/A	
NAS686()	MS21059()	Equivalent Substitution
12LHTA1M-62	MS21069-06	Equivalent Substitution
12LHTA1M-62BC	MS21069-06K	
12LHTA17M-62	MS21071-06	
12LHTA17M-62BC	MS21071-06K	
22NA17A-02	F22NA17A	Equivalent Substitution
22NA17A-02	MS21080-3	13
22NA17A-82BC	F22NA17A	Equivalent Substitution
22NA17A-82BC	MS21080-08K	14
22NA21-22-02	N/A	
22NA21-22-048	N/A	
22NA27-22-02	F22NA27	Equivalent Substitution
22NA27-22-02	NAS1033N3	
22NA27-68-02	F22NA27	Equivalent Substitution
22NA27-68-02	NAS1033D3	15
22NA217-22-048	NAS1032P4	
52LHTA51-M82	MS21069-08	
52LHTA51M-82BC	MS21069-08K	
68NA1-02	NAS1023D3	
68NA1-048	F22NA1-048	
68NA1-62BC	NAS1023D06K	

⁷ Minimum sheet thickness .025

⁸ Equivalent Substitution is permissible when the NAJ() nut plate is unavailable

⁹ Minimum sheet thickness .025

¹⁰ Minimum sheet thickness .025

¹¹ Minimum sheet thickness .025

¹² Equivalent Substitution is permissible when the NAJ() nut plate is unavailable

¹³ "F" prefix (Type II cadmium plate) is also an acceptable alternate to original finish (Type I cadmium plate)

¹⁴ "F" prefix (Type II cadmium plate) is also an acceptable alternate to original finish (Type I cadmium plate)

¹⁵ "F" prefix (Type II cadmium plate) is also an acceptable alternate to original finish (Type I cadmium plate)

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table D – Nut Plates

68NA17A-82	NAS1025D08	
68-NA21-68-02	NAS686A3	

Table E – Solid Rivets

SOLID RIVET	ALTERNATE	
AN426A()	MS20426A()	Equivalent Substitution
AN426AD()	MS20426AD()	
AN427M4-7	MS20427M-7	Equivalent Substitution
AN470A()	MS20470A()	Equivalent Substitution
AN470AD()	MS20470AD()	
MS20427M-7	AN427M4-7	
MS20435M3-8	MS20615-3M8	
MS20615-()	N/A	
NAS1097AD()	N/A	Nutplate Rivet

Table F – Blind Rivets

BLIND RIVET	ALTERNATE	
CCR264SS	MS20605S	
-3-02	-3-W2	
-3-03	-3-W3	
-3-04	-3-W4	
-3-05	-3-W5	
CCR274SS()	N/A	Nutplate Rivet
CR2163	NAS1398D	
-4-02	-4-2	
-4-04	-4-4	
CR2249	NAS1738B	
-5-02	-5-2	
-5-03	-5-3	
-5-06	-5-6	
-5-07	-5-7	
-5-08	-5-8	
CR3212	NAS9302B	
-4-02	-4-2	
-4-03	-4-3	
-4-04	-4-4	
-4-05	-4-5	
-5-02	-5-2	
-5-03	-5-3	

Table F – Blind Rivets

CR3213	NAS9301B	
-4-01	-4-1	
-4-02	-4-2	
-4-03	-4-3	
-4-04	-4-4	
-4-05	-4-5	
-4-06	-4-6	
-4-07	-4-7	
-4-09	-4-9	
-5-02	-5-2	
-5-03	-5-3	
-5-04	-5-4	
-6-02	-6-2	
-6-03	-6-3	
-6-04	-6-4	
-6-05	-6-5	
CR3243-()	N/A	
CR3523-()	N/A	
CR3552-()	N/A	
CR9162-4-2	MS20601AD4W2	
CR9163	MS20600	
-4-01	AD4W4	
-4-02	AD4W2	
-4-03	AD4W3	
MS20426()	CCR264SS()	Nutplate Rivet
NAS1097()	CCR244SS()	Nutplate Rivet
NAS1398D5A2	RV1200-5-2	Equivalent Substitution
NAS1738()	N/A	
RV1200-5-2	NAS1398D5A2	Equivalent Substitution
SD42BS ¹⁶	CCP-42	
SD44BS ¹⁷	CCP-44	

¹⁶ Commercial Product: SD42BS equivalents include SB4-2, SS D42, SSP-42, SS42F, S/S 42D and 4-2SSD

¹⁷ Commercial Product: SD44BS equivalents include SB4-4, SS D44, SSP-44, SS44F, S/S 44D and 4-SSD

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table G – Washers

WASHER	ALTERNATE	
AN935	MS35338	
-4	-40	Equivalent Substitution
-6	-41	
-8	-42	
-8L	-42	
B8L	-99	
-10	-43	
-416	-44	
-416L	-44	
AN936	MS35333	
A6	-37	Equivalent Substitution
A8	-38	
A10	-39	
A416	-40	
A516	-41	
A616	-42	
A716	-43	
A816	-44	
A1216	-47	
-B4	-29	
AN940-13	MS27183-1	
AN960 ¹⁸	NAS1149	
-3L	FN316P	Equivalent Substitution
-4L	FN416P	
-6	FN632P	
-6L	FN616P	
-8	FN832P	
-8L	FN816P	
-10	F0363P	
-10L	F0332P	
-416	F0463P	
-416L	F0432P	
-516	F0563P	
-516L	F0532P	
-616	F0663P	
-616L	F0632P	
-716	F0763P	
-716L	F0732P	
-816	F0863P	

Table G – Washers

-916	F0963P	Equivalent Substitution
-1216L	F1232P	
B6	BN632H	
B8	BN832H	
B416L	N/A	
C6	CN632R	
C10	C0363R	
C10L	C0332R	
C416	C0463R	
C416L	C0432R	
C516	C0563R	
C516L	C0532R	
C616L	C0632R	
C816	C0863R	
C1216	C1290R	
C1616	C1690R	
CD6L	N/A	
D3L	DN316H	
D10	D0363H	
D10L	D0316H	
D416	D0463H	
D416L	D0416H	
D516	D0563H	
D516L	D0516H	
D616	D0663H	
D616L	D0616H	
D6L	DN616H	
D8	DN832H	
D8L	DN816H	
D9	DN949H	
KD10L	D0332K	
PD8L	DN816J	
PD10	D0363J	
PD10L	D0316J	
PD416	D0463J	
PD416L	D0416J	
AN960	NAS620	Equivalent Substitution
AN970-()	N/A	
AN975-()	N/A	

¹⁸ See Table AG for complete listing

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table G – Washers

HARPER	BOKER'S	
3/16	C145712 ¹⁹	Equivalent Substitution
1/4	C102780 ²⁰	
3/8	C102781 ²¹	
HARPER	ECD050	
3/16	-21 ²²	Equivalent Substitution
1/4	-11 ²³	
5/16	-19 ²⁴	
3/8	-15 ²⁵	
5/8	-17 ²⁶	
BOKER'S	ECD050	
C102780	-11	Equivalent Substitution
C102781	-15	
C145712	-21	
C162187	-11	
C162188	-13	
C162189	-15	
C162190	-17	
C162191	-19	
C172152	-23	
C173300	-25	
MS20002-()	N/A	
MS27183-1	AN940-13	
MS51859-15	N/A	
NAS1149	NAS620	Equivalent Substitution

Table H - Rivnuts

RIV NUT	ALTERNATE	
A8K75	MS27130A13K	Equivalent Substitution
A10K	MS27130	
80	A25K	Equivalent Substitution
116	A99K	
130	A26K	
166	A100K	
216	A101K	
MS27130	A10K	
A25K	80	Equivalent Substitution
A99K	116	
A26K	130	
A100K	166	
A101K	216	
MS27130	NAS1329	
A13K	A8K75	Equivalent Substitution
A25K	A3K80	
A26K	AK130	
MS27130	NAS1330	
A99K	A3K116	Equivalent Substitution
A100K	A3K166	
A101K	A3K216	
NAS1329	MS27130	
A8K75	A13K	Equivalent Substitution
A3K80	A25K	
AK130	A26K	
NAS1330	MS27130	
A3K116	A99K	Equivalent Substitution
A3K166	A100K	
A3K216	A101K	

¹⁹ 0.688" OD x 0.203" ID x 0.041", 304 Stainless Steel

²⁰ 0.69" OD x 0.265" ID x 0.048", 304 Stainless Steel

²¹ 1.00" OD x 0.392" ID x 0.062", 316 Stainless Steel

²² 0.688" OD x 0.203" ID x 0.041", 304 Stainless Steel

²³ 0.69" OD x 0.265" ID x 0.048", 304 Stainless Steel

²⁴ 0.875" OD x 0.337" ID x 0.062", 316 Stainless Steel

²⁵ 1.00" OD x 0.392" ID x 0.062", 316 Stainless Steel

²⁶ 0.625" OD x 0.260" ID x 0.062", 316 Stainless Steel

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table I - Turnbuckles

TURN BUCKLE	ALTERNATE	
MS21251-()	N/A	
MS21256-()	N/A	

Table J - Grommets

GROMMET	ALTERNATE	
AN931	MS35489	
-2-9	-2	
-2-16	-3	
-3-5	-4	
-3-9	-134	
-3-10	-5	
-4-7	-6	
-4-12	-7	
-4-16	-8	
-5-9	-9	
-5-12	-10	
-5-13	-118	
-6-10	-11	
-6-16	-12	
-7-11	-13	
-8-13	-14	
-8-20	-15	
-9-13	-16	
-10-14	-17	
-10-20	-18	
-11-16	-19	
-12-17	-20	
-12-20	-135	
-12-23	-21	
-12-26	-120	
-14-20	-22	
-14-26	-121	
-16-22	-23	
-16-30	-24	
-20-38	-25	
-20-40	-26	
-24-28	-27	

Table K – Cotter Pins

COTTER PINS	ALTERNATE	
AN381	MS24665	
-1-6	N/A	
-1-8	-22	
-1-12	-24	
-1-16	-26	
-15-5	N/A	
-15-6	N/A	
-15-7	N/A	
-15-8	-58	
-15-10	N/A	
-15-12	-88	
-15-14	N/A	
-15-16	-90	
-15-20	-91	
-15-24	-92	
-15-28	-93	
-15-32	-94	
-2-5	N/A	
-2-6	N/A	
-2-7	-1013	
-2-8	-151	
-2-10	-152	
-2-12	-153	
-2-14	N/A	
-2-16	-155	
-2-20	-157	
-2-24	-159	
-2-28	-161	
-2-32	-162	
-25-8	-227	
-25-10	N/A	
-25-12	-229	
-25-14	N/A	
-25-16	-231	
-25-18	N/A	
-25-20	-233	
-25-22	N/A	
-25-24	-235	
-25-26	N/A	
-25-28	-237	

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table K – Cotter Pins

-25-32	-238	
-3-8	-298	
-3-10	N/A	
-3-12	-300	
-3-14	N/A	
-3-16	-302	
-3-18	N/A	
-3-20	-304	
-3-22	N/A	
-3-24	-306	
-3-26	N/A	
-3-28	-308	
-3-32	-309	
-4-8	-366	
-4-12	-368	
-4-14	N/A	
-4-16	-370	
-4-18	N/A	
-4-20	-372	
-4-22	N/A	
-4-24	374	
-4-26	N/A	
-4-28	-376	
-4-32	-377	
-4-36	-378	
-5-8	N/A	
-5-12	-436	
-5-16	-437	
-5-18	N/A	
-5-20	-439	
-5-22	N/A	
-5-24	-441	
-5-26	N/A	
-5-28	-443	
-5-32	-444	
-5-36	-445	
-5-40	-446	
-6-24	-513	
-6-26	N/A	
-6-28	-515	

Table K – Cotter Pins

-6-32	-516	
-6-36	-517	
-6-40	-518	
-6-48	-520	
-7-32	-580	
-7-36	-581	
-7-40	-582	
-8-32	-640	
-8-36	-641	
-8-40	-642	
-8-48	-643	
-8-56	-644	
-8-64	-645	
-10-32	-701	
-10-36	-702	
-10-40	-703	

Table L – Clamps (Nylon)

CLAMPS	ALTERNATE	
1/8-6NA	CCH12-S10	
1/4-6NA	CCH25-S10	
3/8-6NA	CCH38-S10	
1/2-6NA	CCH50-S10	
5/8-6NA	CCH62-S10	
3/4-6NA	CCH75-S10	
7/8-6NA	CCH87-S10	
1-6NA	CCH100-S10	
439-SS4-8-2-6	NAS1714C3-4NW	Equivalent Substitution

Table M – Cable Ties

CABLE TIE	ALTERNATE	
SST2S-() ²⁷	CBR3S-M	Equivalent Substitution
SST1.5I-() ²⁸	CBR3I-M or CBR1.5I-M	
SST1M-() ²⁹	CBR1M-M or CBR2M-M	
ILT2S-M	CBR3S-M	
ILT1.5I-M	CBR3I-M or CBR1.5I-M	

²⁷ Suffix may either be -MP or -P

²⁸ Suffix may either be -MP or -P

²⁹ Suffix may either be -MP or -P

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table M – Cable Ties

ILT1M-M	CBR1M-M or CBR2M-M	

Table N – U-Channel (Rubber)

U-CHANNEL	ALTERNATE	
X-142	AX-142P	Equivalent Substitution
X-142 ³⁰	GE52-C69 GEE36FR-C GEE62FR-C GEE36FR-CY GEE62FR-CY	Equivalent Substitution

Table O – Shrink Tubing

SHRINK TUBING	ALTERNATE	
3028-3/32	FIT-221V-3/32	Equivalent Substitution
3028-1/8	FIT-221V-1/8	
3028-1/4	FIT-221V-1/4	
3028-3/8	FIT-221V-3/8	
FIT-221V-1/2	N/A	
FIT-221V-3/4	N/A	
FIT-221V-1	N/A	
FIT-221V-1 1/2	N/A	
FIT221V- 3/16AL	N/A	

³⁰ Substitution to GE() or GEE() permitted only for interior non-aesthetic areas

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table P – Ring Tongue Terminals

RING TONGUE TERMINAL	ALTERNATE ^{31, 32}	ALTERNATE	
AA	19073	MS25036	
-820-04	0007	-148	
-821-06	0011	-102	
-821-08	0013	-149	
-821-10	0017	-103	
-822-10	0022	-103	
-822-14	0024	-150	
-822-56	0027	-104	
-832-06	0038	-102	
BB	19073	MS20659/MS25036	
-523-04	N/A	MS25036-152	
-525-14	N/A	MS25036-154	
-537-04	N/A	MS20659-152	
-537-10	N/A	MS25036-108	
-818-38	0059	MS25036-110	
-825-14	0076	MS25036-154	
-825-56	0079	MS25036-109	
-837-06	0083	MS25036-107	
-837-08	0085	MS25036-153	
-837-10	0087	MS25036-108	
C	19073	MS25036	
-528-08	0110	-156	
-528-10	0113	-112	
-530-56	0123	-113	
-540-38	0139	-114	
-828-08	0165	-156	
-828-10	0170	-112	
-830-14	0188	-157	
-830-56	0200	-113	
-836-06	0216	-111	
-840-38	0236	-114	
D	19067	MS25036	
-750-14	0008	-116	
-751-56	0025	-117	
-756-06	0035	N/A	
-756-08	0037	N/A	

³¹ ETC/Molex manufacturer nomenclature update

³² Additional dash no. (-) within the P/N or additional zero (0) P/N prefix may be purchased to accommodate manufacturer's database/catalog

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table P – Ring Tongue Terminals

E	19193/19067	MS25036	
-360-14	191930248	-120	
-760-14	190670071	-120	
-760-56	N/A	-121	
-960-56	190670073	-121	
F	19193	MS20659	
-366-14	0261	-111	
-366-38	0264	-112	
-366-56	0267	-132	
-367-10	0273	-144	
-367-14	0275	-111	
-367-56	0278	-132	
G	19193	MS20659	
-375-14	0305	-113	
-375-38	0307	-114	
-375-56	0309	-147	
M	N/A	MS25036	
-8113-04	N/A	-144	
-8118-06	N/A	-145	
-8118-08	N/A	-146	

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table Q – Retaining Rings

RETAINING RING	ALTERNATE	
N5100-78-S-PP	ON78EXTSP (Meyer)	
N5002-268-PP	ON268INVSP	

Table R – Cushioned Clamps

CLAMP	ALTERNATE	
MS21919() ³³	MS21919W()	
MS21919DG()	MS21919CJ()	
MS21919WDG()	MS21919WCJ()	

Table S – Plusnuts

PLUSNUT	ALTERNATE	
S8P-270	S8P270ZK	Equivalent Substitution

Table T – Solder Sleeve Shield Terminator

SOLDER SLEEVE SHIELD TERMINATOR	ALTERNATE	
ST63-2-00	M83519/1-2	
ST63-3-00	M83519/1-3	
ST63-4-00	M83519/1-4	
ST63-5-00	M83519/1-5	

Table U – Plug, Pipe – Countersink Hex Head

PLUG, PIPE	ALTERNATE	
AN932-()	MS27769-()	

Table V – Clip Nut

CLIP NUT	ALTERNATE	
RM52LHA4972802	13100000-5	

Table W – Plug and Bleeder – Screw Thread

PLUG AND BLEEDER	ALTERNATE	
AN814-2D	AS5169D02	
AN814-2DL	AS5169D02L	
AN814-3DL	AS5169D03L	
AN814-4DL	AS5169D04L	

Table W – Plug and Bleeder – Screw Thread

AN814-5DL	AS5169D05L	
AN814-6DL	AS5169D06L	
AN814-8DL	AS5169D08L	

Table X – Pin, Retaining, Safety

PIN, RETAINING, SAFETY	ALTERNATE	
AN416-1	A-A-55488-1	
AN416-2	A-A-55488-2	

Table Y – Quarter Turn Fastener

QUARTER TURN FASTENER	ALTERNATE	
AW4-()	AJW4-()	Equivalent Substitution
AW4-()	D4-AJW4-()	

Table Z – Quick Disconnect Terminal

TERMINAL	ALTERNATE	
AA-2201	19003-0001	Equivalent Substitution
AA-2202	19003-0011	
AA-2204	19003-0024	
AA-8137	19019-0006	
BB-2206	19003-0040	
BB-8132	19019-0022	
C-2265	19005-0010	

³³ MS21919F series clamps not permitted for use or substitution

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table AA – Plug (BNC, TNC, N)

PLUG	ALTERNATE	
225345-6	5-225345-6	Equivalent Substitution
225392-2	5225392-2	
225395-6	5225395-6	
225395-7	5225395-7	
225396-7	5225396-7	
225554-6	5225554-6	
225699-1	5225699-1	
225973-4	5225973-4	
	031-5	
UG-89A/U	31-5	
	UG-89/U	

Table AB – Roll Pin

ROLL PIN	ALTERNATE	
()S-094-0625	MS16562-215	

Table AC – Sleeve, Coupling

SLEEVE, COUPLING	ALTERNATE	
AN819-()	MS20819-()	
MS20819-()	MS20819-()J	

Table AD – Clevis Pin

CLEVIS PIN	ALTERNATE	
AN393-()	MS20392-2C()	
AN394-()	MS20392-3C()	
AN395-()	MS20392-4C()	

Table AE – Quarter (1/4) Turn Fastener Receptacle

QUARTER (1/4) TURN FASTENER RECEPTACLE	ALTERNATE	
S4-200	1219-4200-Z3Y	

Table AF – Sleeve, Flared Tube Fitting

SLEEVE, FLARED TUBE FITTING	ALTERNATE	
AN819-()	MS20819-()	Equivalent Substitution
MS20819-()	AS5176-()	Equivalent Substitution

Table AG – 3.5 mm Phone Jack

3.5mm PHONE JACK	ALTERNATE	
161-3402-E	161-3402-L 156-3402SHA-E	Equivalent Substitution

Table AH – Grease Fitting

GREASE FITTING	ALTERNATE	
1637-B	H1637Z3	Equivalent Substitution
1637-B1	H1637Z3	
1641-B	H1641Z3	
1911-B	H1911Z3	
1911-B1	H1911Z3	

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table AI – Washers, Extended AN960 Listing

PART NUMBERS					
CANCELLED PART NUMBER	SUBSTITUTE PART NUMBER	CANCELLED PART NUMBER	SUBSTITUTE PART NUMBER	CANCELLED PART NUMBER	SUBSTITUTE PART NUMBER
AN960-2L	NAS1149FN216P	AN960C2L	NAS1149CN216R	AN960XC2L	NAS1149CN216B
AN960-2	NAS1149FN232P	AN960C2	NAS1149CN232R	AN960XC2	NAS1149CN232B
AN960-3L	NAS1149FN316P	AN960C3L	NAS1149CN316R	AN960XC3L	NAS1149CN316B
AN960-3	NAS1149FN332P	AN960C3	NAS1149CN332R	AN960XC3	NAS1149CN332B
AN960-4L	NAS1149FN416P	AN960C4L	NAS1149CN416R	AN960XC4L	NAS1149CN416B
AN960-4	NAS1149FN432P	AN960C4	NAS1149CN432R	AN960XC4	NAS1149CN432B
AN960-5	NAS1149FN542P	AN960C5	NAS1149CN542R	AN960XC5	NAS1149CN542B
AN960-6L	NAS1149FN616P	AN960C6L	NAS1149CN616R	AN960XC6L	NAS1149CN616B
AN960-6	NAS1149FN632P	AN960C6	NAS1149CN632R	AN960XC6	NAS1149CN632B
AN960-8L	NAS1149FN816P	AN960C8L	NAS1149CN816R	AN960XC8L	NAS1149CN816B
AN960-8	NAS1149FN832P	AN960C8	NAS1149CN832R	AN960XC8	NAS1149CN832B
AN960-9	NAS1149FN949P	AN960C9	NAS1149CN949R	AN960XC9	NAS1149CN949B
AN960-10L	NAS1149F0332P	AN960C10L	NAS1149C0332R	AN960XC10LL	NAS1149C0316B
AN960-10	NAS1149F0363P	AN960C10	NAS1149C0363R	AN960XC10L	NAS1149C0332B
AN960-11	NAS1149F1165P	AN960C11	NAS1149C1165R	AN960XC10	NAS1149C0363B
AN960-416L	NAS1149F0432P	AN960C416L	NAS1149C0432R	AN960XC11	NAS1149C1165B
AN960-416	NAS1149F0463P	AN960C416	NAS1149C0463R	AN960XC416L	NAS1149C0432B
AN960-516L	NAS1149F0532P	AN960C516L	NAS1149C0532R	AN960XC416	NAS1149C0463B
AN960-516	NAS1149F0563P	AN960C516	NAS1149C0563R	AN960XC516L	NAS1149C0532B
AN960-616LL	NAS1149F0616P	AN960C616LL	NAS1149C0616R	AN960XC516	NAS1149C0563B
AN960-616L	NAS1149F0632P	AN960C616L	NAS1149C0632R	AN960XC616LL	NAS1149C0616B
AN960-616	NAS1149F0663P	AN960C616	NAS1149C0663R	AN960XC616L	NAS1149C0632B
AN960-716L	NAS1149F0732P	AN960C716L	NAS1149C0732R	AN960XC616	NAS1149C0663B
AN960-716	NAS1149F0763P	AN960C716	NAS1149C0763R	AN960XC716LL	NAS1149C0716B
AN960-816L	NAS1149F0832P	AN960C816L	NAS1149C0832R	AN960XC716L	NAS1149C0732B
AN960-816	NAS1149F0863P	AN960C816	NAS1149C0863R	AN960XC716	NAS1149C0763B
AN960-916L	NAS1149F0932P	AN960C916L	NAS1149C0932R	AN960XC816L	NAS1149C0832B
AN960-916	NAS1149F0963P	AN960C916	NAS1149C0963R	AN960XC816	NAS1149C0863B
AN960-1016L	NAS1149F1032P	AN960C1016L	NAS1149C1032R	AN960XC916L	NAS1149C0932B
AN960-1016	NAS1149F1063P	AN960C1016	NAS1149C1063R	AN960XC916	NAS1149C0963B
AN960-1216L	NAS1149F1232P	AN960C1216L	NAS1149C1232R	AN960XC1016L	NAS1149C1032B
AN960-1216	NAS1149F1290P	AN960C1216	NAS1149C1290R	AN960XC1016	NAS1149C1063B
AN960-1416L	NAS1149F1432P	AN960C1416L	NAS1149C1432R	AN960XC1216L	NAS1149C1232B
AN960-1416	NAS1149F1490P	AN960C1416	NAS1149C1490R	AN960XC1216	NAS1149C1290B
AN960-1616L	NAS1149F1632P	AN960C1616L	NAS1149C1632R	AN960XC1416L	NAS1149C1432B
AN960-1616	NAS1149F1690P	AN960C1616	NAS1149C1690R	AN960XC1416	NAS1149C1490B
AN960-1716L	NAS1149F1732P	AN960C1716	NAS1149C1790R	AN960XC1616L	NAS1149C1632B
AN960-1716	NAS1149F1790P	AN960C1816	NAS1149C1890R	AN960XC1616	NAS1149C1690B
AN960-1816L	NAS1149F1832P	AN960C2016	NAS1149C2090R	AN960XC1716	NAS1149C1790B
AN960-1816	NAS1149F1890P	AN960C2116	NAS1149C2190R	AN960XC1816	NAS1149C1890B
AN960-2016L	NAS1149F2032P	AN960C2616	NAS1149C2690R	AN960XC2016	NAS1149C2090B
AN960-2016	NAS1149F2090P	AN960C3016	NAS1149C3090R	AN960XC2116	NAS1149C2190B
AN960-2116L	NAS1149F2132P	AN960C3616	NAS1149C3690R	AN960XC2616	NAS1149C2690B
AN960-2116	NAS1149F2190P	AN960C4016	NAS1149C4090R	AN960XC3016	NAS1149C3090B
AN960-2616L	NAS1149F2632P			AN960XC3616	NAS1149C3690B
AN960-2616	NAS1149F2690P			AN960XC4016	NAS1149C4090B
AN960-3016L	NAS1149F3032P				
AN960-3016	NAS1149F3090P				
AN960-3616L	NAS1149F3632P				
AN960-3616	NAS1149F3690P				
AN960-4016L	NAS1149F4032P				
AN960-4016	NAS1149F4090P				

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table AI – Washers, Extended AN960 Listing

PART NUMBERS					
CANCELLED PART NUMBER	SUBSTITUTE PART NUMBER	CANCELLED PART NUMBER	SUBSTITUTE PART NUMBER	CANCELLED PART NUMBER	SUBSTITUTE PART NUMBER
AN960JD2L	NAS1149DN216J	AN960B2	NAS1149BN232H	AN960KD2L	NAS1149DN216K
AN960JD	NAS1149DN232J	AN960B3	NAS1149BN332H	AN960KD2	NAS1149DN232K
AN960JD3L	NAS1149DN316J	AN960B4	NAS1149BN432H	AN960KD3L	NAS1149DN316K
AN960JD3	NAS1149DN332J	AN960B5	NAS1149BN542H	AN960KD3	NAS1149DN332K
AN960JD4L	NAS1149DN416J	AN960B6	NAS1149BN632H	AN960KD4L	NAS1149DN416K
AN960JD4	NAS1149DN432J	AN960B8	NAS1149BN832H	AN960KD4	NAS1149DN432K
AN960JD5	NAS1149DN542J	AN960B9	NAS1149BN949H	AN960KD5	NAS1149DN542K
AN960JD6L	NAS1149DN616J	AN960B10	NAS1149B0363H	AN960KD6L	NAS1149DN616K
AN960JD6	NAS1149DN632J	AN960B11	NAS1149B1165H	AN960KD6	NAS1149DN632K
AN960JD8L	NAS1149DN816J	AN960B416	NAS1149B0463H	AN960KD8L	NAS1149DN816K
AN960JD8	NAS1149DN832J	AN960B516	NAS1149B0563H	AN960KD8	NAS1149DN832K
AN960JD9	NAS1149DN949J	AN960B616	NAS1149B0663H	AN960KD9	NAS1149DN949K
AN960JD10LL	NAS1149D0316J	AN960B716	NAS1149B0763H	AN960KD10LL	NAS1149D0316K
AN960JD10L	NAS1149D0332J	AN960B816	NAS1149B0863H	AN960KD10L	NAS1149D0332K
AN960JD10	NAS1149D0363J	AN960B916	NAS1149B0963H	AN960KD10	NAS1149D0363K
AN960JD11	NAS1149D1165J	AN960B1016	NAS1149B1063H	AN960KD11	NAS1149D1165K
AN960JD416L	NAS1149D0416J	AN960B1216	NAS1149B1290H	AN960KD416L	NAS1149D0416K
AN960JD416	NAS1149D0463J	AN960B1416	NAS1149B1490H	AN960KD416	NAS1149D0463K
AN960JD516L	NAS1149D0516J	AN960B1616	NAS1149B1690H	AN960KD516L	NAS1149D0516K
AN960JD516	NAS1149D0563J	AN960B1716	NAS1149B1790H	AN960KD516	NAS1149D0563K
AN960JD616L	NAS1149D0616J	AN960B1816	NAS1149B1890H	AN960KD616L	NAS1149D0616K
AN960JD616	NAS1149D0663J	AN960B2016	NAS1149B2090H	AN960KD616	NAS1149D0663K
AN960JD716L	NAS1149D0716J	AN960B2116	NAS1149B2190H	AN960KD716L	NAS1149D0716K
AN960JD716	NAS1149D0763J	AN960B2616	NAS1149B2690H	AN960KD716	NAS1149D0763K
AN960JD816L	NAS1149D0816J	AN960B3016	NAS1149B3090H	AN960KD816L	NAS1149D0816K
AN960JD816	NAS1149D0863J	AN960B3616	NAS1149B3690H	AN960KD816	NAS1149D0863K
AN960JD916L	NAS1149D0916J	AN960B4016	NAS1149B4090H	AN960KD916L	NAS1149D0916K
AN960JD916	NAS1149D0963J			AN960KD916	NAS1149D0963K
AN960JD1016L	NAS1149D1016J			AN960KD1016L	NAS1149D1016K
AN960JD1016	NAS1149D1063J			AN960KD1016	NAS1149D1063K
AN960JD1216L	NAS1149D1216J			AN960KD1216L	NAS1149D1216K
AN960JD1216	NAS1149D1290J			AN960KD1216	NAS1149D1290K
AN960JD1416L	NAS1149D1416J			AN960KD1416L	NAS1149D1416K
AN960JD1416	NAS1149D1490J			AN960KD1416	NAS1149D1490K
AN960JD1616L	NAS1149D1616J			AN960KD1616L	NAS1149D1616K
AN960JD1616	NAS1149D1690J			AN960KD1616	NAS1149D1690K
AN960JD1716L	NAS1149D1716J			AN960KD1716L	NAS1149D1716K
AN960JD1716	NAS1149D1790J			AN960KD1716	NAS1149D1790K
AN960JD1816L	NAS1149D1816J			AN960KD1816L	NAS1149D1816K
AN960JD1816	NAS1149D1890J			AN960KD1816	NAS1149D1890K
AN960JD2016L	NAS1149D2016J			AN960KD2016L	NAS1149D2016K
AN960JD2016	NAS1149D2090J			AN960KD2016	NAS1149D2090K
AN960JD2116L	NAS1149D2116J			AN960KD2116L	NAS1149D2116K
AN960JD2116	NAS1149D2190J			AN960KD2116	NAS1149D2190K
AN960JD2616L	NAS1149D2616J			AN960KD2616L	NAS1149D2616K
AN960JD2616	NAS1149D2690J			AN960KD2616	NAS1149D2690K
AN960JD3016L	NAS1149D3016J			AN960KD3016L	NAS1149D3016K
AN960JD3016	NAS1149D3090J			AN960KD3016	NAS1149D3090K
AN960JD3616L	NAS1149D3616J			AN960KD3616L	NAS1149D3616K
AN960JD3616	NAS1149D3690J			AN960KD3616	NAS1149D3690K
AN960JD4016L	NAS1149D4016J			AN960KD4016L	NAS1149D4016K
AN960JD4016	NAS1149D4090J			AN960KD4016	NAS1149D4090K

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

Table AI – Washers, Extended AN960 Listing

PART NUMBERS			
CANCELLED PART NUMBER	SUBSTITUTE PART NUMBER	CANCELLED PART NUMBER	SUBSTITUTE PART NUMBER
AN960PD2L	NAS1149DN216J	AN960D2L	NAS1149DN216H
AN960PD2	NAS1149DN232J	AN960D2	NAS1149DN232H
AN960PD3L	NAS1149DN316J	AN960D3L	NAS1149DN316H
AN960PD3	NAS1149DN332J	AN960D3	NAS1149DN332H
AN960PD4L	NAS1149DN416J	AN960D4L	NAS1149DN416H
AN960PD4	NAS1149DN432J	AN960D4	NAS1149DN432H
AN960PD5	NAS1149DN542J	AN960D5	NAS1149DN542H
AN960PD6L	NAS1149DN616J	AN960D6L	NAS1149DN616H
AN960PD6	NAS1149DN632J	AN960D6	NAS1149DN632H
AN960PD8L	NAS1149DN816J	AN960D8L	NAS1149DN816H
AN960PD8	NAS1149DN832J	AN960D8	NAS1149DN832H
AN960PD9	NAS1149DN949J	AN960D9	NAS1149DN949H
AN960PD10L	NAS1149D0316J	AN960D10L	NAS1149D0316H
AN960PD10	NAS1149D0363J	AN960D10	NAS1149D0363H
AN960PD11	NAS1149D1165J	AN960D11	NAS1149D1165H
AN960PD416L	NAS1149D0416J	AN960D416L	NAS1149D0416H
AN960PD416	NAS1149D0463J	AN960D416	NAS1149D0463H
AN960PD516L	NAS1149D0516J	AN960D516L	NAS1149D0516H
AN960PD516	NAS1149D0563J	AN960D516	NAS1149D0563H
AN960PD616L	NAS1149D0616J	AN960D616L	NAS1149D0616H
AN960PD616	NAS1149D0663J	AN960D616	NAS1149D0663H
AN960PD716L	NAS1149D0716J	AN960D716L	NAS1149D0716H
AN960PD716	NAS1149D0763J	AN960D716	NAS1149D0763H
AN960PD816L	NAS1149D0816J	AN960D816L	NAS1149D0816H
AN960PD816	NAS1149D0863J	AN960D816	NAS1149D0863H
AN960PD916L	NAS1149D0916J	AN960D916L	NAS1149D0916H
AN960PD916	NAS1149D0963J	AN960D916	NAS1149D0963H
AN960PD1016L	NAS1149D1016J	AN960D1016L	NAS1149D1016H
AN960PD1016	NAS1149D1063J	AN960D1016	NAS1149D1063H
AN960PD1216L	NAS1149D1216J	AN960D1216L	NAS1149D1216H
AN960PD1216	NAS1149D1290J	AN960D1216	NAS1149D1290H
AN960PD1416L	NAS1149D1416J	AN960D1416L	NAS1149D1416H
AN960PD1416	NAS1149D1490J	AN960D1416	NAS1149D1490H
AN960PD1616L	NAS1149D1616J	AN960D1616L	NAS1149D1616H
AN960PD1616	NAS1149D1690J	AN960D1616	NAS1149D1690H
AN960PD1716L	NAS1149D1716J	AN960D1716L	NAS1149D1716H
AN960PD1716	NAS1149D1790J	AN960D1716	NAS1149D1790H
AN960PD1816L	NAS1149D1816J	AN960D1816L	NAS1149D1816H
AN960PD1816	NAS1149D1890J	AN960D1816	NAS1149D1890H
AN960PD2016L	NAS1149D2016J	AN960D2016L	NAS1149D2016H
AN960PD2016	NAS1149D2090J	AN960D2016	NAS1149D2090H
AN960PD2116L	NAS1149D2116J	AN960D2116L	NAS1149D2116H
AN960PD2116	NAS1149D2190J	AN960D2116	NAS1149D2190H
AN960PD2616L	NAS1149D2616J	AN960D2616L	NAS1149D2616H
AN960PD2616	NAS1149D2690J	AN960D2616	NAS1149D2690H
AN960PD3016L	NAS1149D3016J	AN960D3016L	NAS1149D3016H
AN960PD3016	NAS1149D3090J	AN960D3016	NAS1149D3090H
AN960PD3616L	NAS1149D3616J	AN960D3616L	NAS1149D3616H
AN960PD3616	NAS1149D3690J	AN960D3616	NAS1149D3690H
AN960PD4016L	NAS1149D4016J	AN960D4016L	NAS1149D4016H
AN960PD4016	NAS1149D4090J	AN960D4016	NAS1149D4090H

ENSTROM F-28/280 SERIES ILLUSTRATED PARTS CATALOG

INTENTIONALLY LEFT BLANK