

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

2001 Edition

Revision 19, dated July 22/25, applies to the Enstrom TH-28/480 Series Illustrated Parts Catalog, 2001 Edition. Place this cover sheet behind the "Record of Revisions" sheet after removing and inserting the pages listed below.

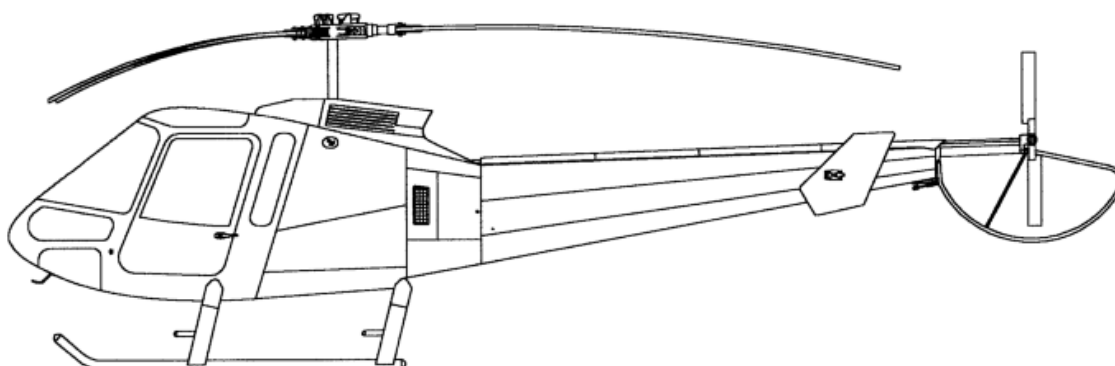
<u>Remove Pages</u>	<u>Insert Pages</u>	<u>Remove Pages</u>	<u>Insert Pages</u>
i through cxiv	i through cxii	7-26.3 through 7-27-1	7-26.3 through 7-27.1
3-9 through 3-16	3-9 through 3-16	7-33 through 7-34	7-33 through 7-34
3-25.12 through 3-25.13	3-25.12 through 3-25.13	8-3 through 8-8	8-3 through 8-8
3-83 through 3-84	3-83 through 3-84	8-11 through 8-14	8-11 through 8-14
4-15 through 4-16	4-15 through 4-16	9-33 through 9-33.1	9-33 through 9-33.1
5-3 through 5-6	5-3 through 5-6	9-35 through 9-36	9-35 through 9-36
5-23 through 5-24	5-23 through 5-24	9-39 through 9-40	9-39 through 9-40
5-45 through 5-46	5-45 through 5-46	9-45 through 9-47.1	9-45 through 9-47.1
6-11.6 through 6-11.7	6-11.6 through 6-11.7	10-28 through 10-30	10-28 through 10-30
6-40 through 6-41	6-40 through 6-41	10-51 through 10-52	10-51 through 10-52
6-45 through 6-46	6-45 through 6-46	10-59 through 10-60	10-59 through 10-60
7-11 through 7-12	7-11 through 7-12	11-5 through 11-6	11-5 through 11-6
7-19 through 7-20	7-19 through 7-20	B-1 through B-2	B-1 through B-2
7-21 through 7-22	7-21 through 7-22	B-15 through B-16	B-15 through B-20

* * End of List * *

INTENTIONALLY LEFT BLANK



ENSTROM TH-28/480 SERIES
ILLUSTRATED PARTS CATALOG
2001 EDITION
MODEL EFFECTIVITY: TH-28, 480, AND 480B



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 TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

© 2001 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 TH-28, 480, and 480B 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 TH-28/480 Series Illustrated Parts Catalog

Manual Date: November 16, 2001

Revision Number and Date: _____

Aircraft Model: _____

Recommended Change:

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
	Record of Revisions	–
	Change Instructions	–
	Title Page	i
	Recommended Change Report	iii
	Table of Contents	v
	Effective Page List	xi
	Part Number Index	xx

SECTION 1 – INTRODUCTION

	Table of Contents	1-1.2
	Scope	1-2
	Introductory Information	1-2
	Detailed Parts List	1-3
	Appendices	1-4

SECTION 2 – PARTS ORDERING INFORMATION

	Table of Contents	2-1.2
	General	2-2
	Parts Orders	2-2
	Shipment	2-3
	Emergency Requirements	2-3
	Credit Terms	2-3

SECTION 3 – STRUCTURES

	Table of Contents	3-1.2
3-1	Structural Assembly	3-2
3-2	Cowling and Access Panels	3-8
3-3	Windshield and Window Installation	3-16
3-4	Sliding Window Installation	3-22
3-5	Engine Cowl Door Opener	3-24
3-6	Cabin Door Assembly	3-25.1
3-6.1	Cabin Door Installation	3-25.7
3-6.2	Cabin Door Opener	3-26
3-7	Tailcone Installation	3-30
3-8	Horizontal and Vertical Stabilizer Installation	3-32
3-9	Tail Rotor Guard and Extension Tube Installation	3-36
3-10	Tail Rotor Guard Installation (4172000-101)	3-38
3-11	Tail Rotor Guard Installation (4172000-9)	3-40
3-12	Tailcone Vibration Absorber Installation	3-42
3-13	Tail Rotor Drive Shaft Cover Installation	3-46
3-14	Seat Installation - TH-28	3-52
3-15	Seat Installation - 480/480B	3-54
3-16	Seat Assembly	3-56
3-17	Seat Base Assembly	3-58
3-18	Bench Seat Installation	3-62
3-19	Passenger Footrest Installation	3-70
3-20	Exterior Markings	3-72

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
3-21	Interiors	3-76
3-22	Pilot and Co-Pilot Seat Assembly	3-81
3-23	Cushion Collection and Armrest Assembly	3-85
SECTION 4 – LANDING GEAR		
	Table of Contents	4-1.2
4-1	Landing Gear Cross Tube Installation	4-2
4-2	Landing Gear Assembly and Installation	4-4
4-3	Landing Gear Oleo Installation	4-8
4-4	Oleo Assembly	4-10
4-5	Landing Gear Fairing Installation	4-14
4-6	Landing Gear Steps	4-18
SECTION 5 – FUEL SYSTEM		
	Table of Contents	5-1.2
5-1	Fuel Cell Installation – Aerotech/UFCC Fuel Cells	5-2
5-2	Fuel Bladder Structure Assy/Install – Aerotech/UFCC Fuel Cells	5-6
5-3	Fuel Cell Installation – Aerazur Fuel Cells	5-14
5-4	Fuel Cell Installation – Aerazur Fuel Cells S/N 5011 and 5012	5-16
5-5	Fuel Line Installation – Aerotech/UFCC Fuel Cells	5-20
5-6	Fuel Line Installation – Aerazur Fuel Cells	5-26
5-7	Flanged Plate Assembly – Aerotech/UFCC Fuel Cells	5-30
5-8	Fuel Shutoff Valve Assembly	5-32
5-9	Sump Drain Valve Installation	5-40
5-10	Fuel Shutoff Cable Installation S/N 5001- 5145	5-42
5-11	Fuel Shutoff Cable Installation	5-44
5-12	Optional Airframe Mounted Fuel Filter	5-48
SECTION 6 – POWER PLANT & SYSTEMS		
	Table of Contents	6-1.2
6-1	Engine Buildup Assembly	6-2
6-1.1	Fire Curtain Installation	6-11.3
6-2	Starter/Generator Cooling Installation	6-12
6-3	Engine Air Induction System	6-14
6-4	Particle Separator/Scav-Air Line Installation	6-18
6-5	Scav-Air/Anti-Ice Control Panel Installation	6-20
6-6	Engine Power Control Installation	6-22
6-7	Engine Idle Stop Assembly	6-26
6-7.1	Engine Idle Stop Assembly – Dual Start Control	6-28
6-7.2	Engine Idle Stop Assembly – Dual Start Control Detail	6-30
6-7.3	Engine Idle Stop Assembly – Dual Start Control Relay Detail	6-32
6-8	Droop Compensator Installation	6-34
6-9	Engine Oil System	6-37
6-10	Oil Cooler Blower Installation	6-42
6-11	Oil Cooler Ducting TH-28 SN 3006, 480 SN 5001-5022	6-46
6-12	Oil Cooler Ducting TH-28 SN 3007, 480 SN 5023 and Subs	6-48
6-13	Eductor Installation	6-52
6-14	Eductor Installation (Obsolete)	6-54

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
SECTION 7 – DRIVE TRAIN		
	Table of Contents	7-1.2
7-1	Overrunning Clutch Assembly	7-2
7-1.1	Clutch Vent Reservoir Assembly	7-3
7-2	Drive Shaft Assembly	7-4
7-3	Drive System Installation	7-6
7-4	Lower Pulley Assembly (Grease Lubricated)	7-10
7-5	Lower Pulley Assembly (Oil Lubricated)	7-14
7-6	Upper Pulley Assembly (Keyed Pinion)	7-18
7-6.1	Upper Pulley Assembly (Splined Pinion)	7-20.2
7-7	Main Rotor Transmission Installation	7-22
7-8	Main Rotor Transmission Assembly (Keyed Pinion)	7-24
7-8.1	Main Rotor Transmission Assembly (Splined Pinion)	7-26.2
7-8.2	Main Rotor Transmission Seal Retainer Assembly	7-27.1
7-9	Main Rotor Transmission Filtration/Cooling System	7-28
7-10	Tail Rotor Drive Shaft Installation	7-32
7-11	Tail Rotor Transmission Assembly	7-36
SECTION 8 – ROTOR SYSTEMS		
	Table of Contents	8-1.2
8-1	Main Rotor Hub Assembly - Grease Lubricated	8-2
8-2	Main Rotor Hub Assembly - Oil Lubricated	8-6
8-3	Main Rotor Blade and Retention Assembly	8-10
8-4	Retention Assembly/Flapping Pin Installation	8-16
8-5	Hydraulic Damper Assembly	8-18
8-6	Main Rotor Damper Installation	8-22
8-7	Tail Rotor Assembly	8-24
SECTION 9 – FLIGHT CONTROLS		
	Table of Contents	9-1.2
9-1	Cyclic Stick and Torque Tube Installation	9-2
9-2	Cyclic Control Tube and Bellcrank Installation	9-6
9-3	Cyclic Trim Assembly	9-12
9-4	Collective Stick and Torque Tube Installation	9-16
9-5	Collective Control Tube and Bellcrank Installation	9-18
9-6	Collective Stick – Pilot (SN 5135 and Prior)	9-20
9-7	Collective Stick – Copilot (SN 5135 and Prior)	9-22
9-7.1	Collective Stick – Pilot (SN 5136 and Subs)	9-23.1
9-7.2	Collective Stick – Copilot (SN 5136 and Subs)	9-23.5
9-8	Collective Trim Assembly	9-24
9-9	Collective Friction Assembly	9-28
9-10	Lower Swashplate Assembly Installation	9-30
9-11	Lower Swashplate Assembly	9-32
9-12	Upper Swashplate Assembly and Controls	9-34
9-13	Main Rotor Pitch Change Controls	9-38
9-14	Tail Rotor Control System	9-40
9-15	Tail Rotor Rotating Controls	9-48

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
SECTION 10 – ELECTRICAL/INSTRUMENT SYSTEMS		
	Table of Contents	10-1.2
10-1	TH-28 Instrument Panel Equipment Installation	10-2
10-2	480 Standard Instrument Panel Equipment Installation	10-8
10-3	480 (Optional)/480B Instrument Panel Equipment Installation	10-16
10-4	480B Instrument Panel Equipment Installation	10-22
10-5	TH-28 Circuit Breaker Panel	10-30
10-6	480 Circuit Breaker Panel	10-32
10-7	480 Optional Circuit Breaker Panel	10-34
10-8	480B Circuit Breaker Panel	10-36
10-9	480B Circuit Breaker Panel	10-38
10-10	Pedestal Miscellaneous Equipment	10-44
10-11	Outside Air Temperature (OAT) Gauge Installation	10-46
10-12	NiCad Battery Tray Installation	10-48
10-13	Standard Battery Tray Installation	10-50
10-14	Battery Installation	10-54
10-15	Aft Battery Installation	10-56
10-16	Electrical Component Installation (Right Side Backwall)	10-58
10-17	Electrical Component Installation Relays Only (Right Side Backwall)	10-61
10-18	Electrical Components - Keel Installation	10-66
10-19	Generator Control Unit/T9 Terminal Strip Installation	10-72
10-20	Engine Oil Pressure and Torque Indication System	10-74
10-21	Engine T.O.T. Harness Terminal Block	10-76
10-22	Fire Detector Installation	10-78
10-23	Low Rotor Warning and Micro Switch Installation	10-80
10-23.1	Hi/Lo Rotor RPM Switch Installation	10-83.1
10-24	TH-28 Chip Detector Program Continuity Sensor Installation	10-84
10-24.1	480/480B Programmed Continuity Sensors – Engine and Main Rotor Transmission Chip Detectors	10-86.2
10-24.2	480/480B Programmed Continuity Sensor – Tail Rotor Transmission Chip Detector	10-86.6
10-25	Bearing Temperature Warning System (Grease Lubricated)	10-88
10-26	Bearing Temperature Warning System (Oil Lubricated)	10-90
10-27	Engine Air Inlet Pressure System	10-94
10-28	Landing Light Assembly Installation.	10-98
10-29	LED Landing Light Assembly Installation	10-100
10-30	Position/Anti-Collision Light Installation	10-104
10-31	Position/Anti-Collision Light Assembly	10-106
10-32	Position/Anti-Collision LED Light Assembly	10-108
10-33	Static Port and Pitot Tube Installation	10-110
10-34	Static and Pitot Line Installation	10-114
10-35	Instrument Console Shroud Installation	10-118
10-36	KMA 24H-71 Audio Panel Installation	10-120
10-37	GTX 327 Transponder Installation	10-124
10-38	GTX 327 Antenna Installation Forward (Preferred) Location	10-128
10-39	GTX 327 Antenna Installation Aft (Alternate) Location	10-132

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
SECTION 11 – UTILITY SYSTEMS		
	Table of Contents	11-1.2
11-1	Bleed Air Heater and Defroster Installation	11-2
11-2	Heater and Defroster Valve Assemblies	11-8
11-3	Heater Manifold Assembly	11-10
11-4	Fresh Air Ventilation Installation	11-12
11-5	Fresh Air Ventilation Installation	11-16
11-6	Overhead Console Vent/Light Assembly	11-20
APPENDIX A – EQUIVALENT PARTS		
	Table of Contents	A-3
	Introduction	A-4
	Equivalent Parts Tables	A-4
APPENDIX B – HARDWARE SUBSTITUTIONS		
	Cover Page	B-1
	Table of Contents	B-1
	Introduction	B-2
	Acceptable Substitution Conditions	B-2
	Hardware Tables	B-2
	<i>Table A – Bolts</i>	B-3
	<i>Table B – Screws</i>	B-5
	<i>Table C – Nuts</i>	B-6
	<i>Table D – Nut Plates</i>	B-7
	<i>Table E – Solid Rivets</i>	B-8
	<i>Table F – Blind Rivets</i>	B-9
	<i>Table G – Washers</i>	B-9
	<i>Table H – Rivnuts</i>	B-10
	<i>Table I – Turnbuckles</i>	B-11
	<i>Table J – Grommets</i>	B-11
	<i>Table K – Cotter Pins</i>	B-11
	<i>Table L – Clamps (Nylon)</i>	B-12
	<i>Table M – Cable Ties</i>	B-12
	<i>Table N – U-Channel (Rubber)</i>	B-13
	<i>Table O – Shrink Tubing</i>	B-13
	<i>Table P – Ring Tongue Terminals</i>	B-14
	<i>Table Q – Retaining Rings</i>	B-15
	<i>Table R – Cushioned Clamps</i>	B-15
	<i>Table S – Plusnuts</i>	B-15
	<i>Table T – Solder Sleeve Shield Terminator</i>	B-15
	<i>Table U – Plug, Pipe – Countersink Hex Head</i>	B-15
	<i>Table V – Clip Nut</i>	B-15
	<i>Table W – Plug and Bleeder – Screw Thread</i>	B-15

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

TABLE OF CONTENTS

Figure	Description	Page
	<i>Table X – Pin, Retaining, Safety</i>	B-15
	<i>Table Y – Quarter Turn Fastener</i>	B-15
	<i>Table Z – Quick Disconnect Terminal</i>	B-15
	<i>Table AA – Plug (BNC, TNC, N)</i>	B-15
	<i>Table AB – Roll Pin</i>	B-15
	<i>Table AC – Sleeve, Coupling</i>	B-15
	<i>Table AD – Clevis Pin</i>	B-15
	<i>Table AE – Quarter (1/4) Turn Fastener Receptacle</i>	B-16
	<i>Table AF – Sleeve, Flared Tube Fitting</i>	B-16
	<i>Table AG – 3.5 mm Phone Jack</i>	B-16
	<i>Table AH – Grease Fitting</i>	B-16
	<i>Table AI – Washers, Extended AN960 Listing</i>	B-17

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
i	No Date	xliv	Jul 22/25
ii	Jul 22/25	xlv	Jul 22/25
iii	Jul 22/25	xlvi	Jul 22/25
iv	Jul 22/25	xlvii	Jul 22/25
v	Jul 22/25	xlviii	Jul 22/25
vi	Jul 22/25	xlix	Jul 22/25
vii	Jul 22/25	l	Jul 22/25
viii	Jul 22/25	li	Jul 22/25
ix	Jul 22/25	lii	Jul 22/25
x	Jul 22/25	liii	Jul 22/25
xi	Jul 22/25	liv	Jul 22/25
xii	Jul 22/25	lv	Jul 22/25
xiii	Jul 22/25	lvi	Jul 22/25
xiv	Jul 22/25	lvii	Jul 22/25
xv	Jul 22/25	lviii	Jul 22/25
xvi	Jul 22/25	lix	Jul 22/25
xvii	Jul 22/25	lx	Jul 22/25
xviii	Jul 22/25	lxi	Jul 22/25
xix	Jul 22/25	lxii	Jul 22/25
xx	Jul 22/25	lxiii	Jul 22/25
xxi	Jul 22/25	lxiv	Jul 22/25
xxii	Jul 22/25	lxv	Jul 22/25
xxiii	Jul 22/25	lxvi	Jul 22/25
xxiv	Jul 22/25	lxvii	Jul 22/25
xxv	Jul 22/25	lxviii	Jul 22/25
xxvi	Jul 22/25	lxix	Jul 22/25
xxvii	Jul 22/25	lxx	Jul 22/25
xxviii	Jul 22/25	lxxi	Jul 22/25
xxix	Jul 22/25	lxxii	Jul 22/25
xxx	Jul 22/25	lxxiii	Jul 22/25
xxxi	Jul 22/25	lxxiv	Jul 22/25
xxxii	Jul 22/25	lxxv	Jul 22/25
xxxiii	Jul 22/25	lxxvi	Jul 22/25
xxxiv	Jul 22/25	lxxvii	Jul 22/25
xxxv	Jul 22/25	lxxviii	Jul 22/25
xxxvi	Jul 22/25	lxxix	Jul 22/25
xxxvii	Jul 22/25	lxxx	Jul 22/25
xxxviii	Jul 22/25	lxxxi	Jul 22/25
xxxix	Jul 22/25	lxxxii	Jul 22/25
xl	Jul 22/25	lxxxiii	Jul 22/25
xli	Jul 22/25	lxxxiv	Jul 22/25
xlII	Jul 22/25	lxxxv	Jul 22/25
xlIII	Jul 22/25	lxxxvi	Jul 22/25

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
lxxxvii	Jul 22/25	1-3	Sep 27/18
lxxxvii	Jul 22/25	1-4	Sep 27/18
lxxxviii	Jul 22/25	2-1	Dec 20/13
lxxxix	Jul 22/25	2-1.1	Dec 20/13
lxxx	Jul 22/25	2-1.2	Nov 28/22
lxxxix	Jul 22/25	2-2	Jul 22/2020
lxxxix	Jul 22/25	2-3	Jul 31/12
lxxxix	Jul 22/25	2-4	Jul 31/12
lxxxix	Jul 22/25	3-1	Aug 13/07
lxxxix	Jul 22/25	3-1.1	Dec 20/13
lxxxix	Jul 22/25	3-1.2	May 28/24
lxxxix	Jul 22/25	3-2	Jul 31/12
lxxxix	Jul 22/25	3-3	Jul 31/12
lxxxix	Jul 22/25	3-4	Jul 31/12
lxxxix	Jul 22/25	3-5	May 28/24
lxxxix	Jul 22/25	3-6	May 28/24
xc	Jul 22/25	3-7	Jul 31/12
xc	Jul 22/25	3-8	Dec 20/13
xc	Jul 22/25	3-9	Jul 31/12
xc	Jul 22/25	3-10	Jul 22/25
xc	Jul 22/25	3-11	Jul 22/25
xc	Jul 22/25	3-12	Jul 22/25
xc	Jul 22/25	3-13	Jul 22/25
xc	Jul 22/25	3-14	Jul 22/25
xc	Jul 22/25	3-15	Jul 22/25
xc	Jul 22/25	3-15.1	Jul 22/25
xc	Jul 22/25	3-15.2	Jul 22/25
ci	Jul 22/25	3-16	Dec 20/13
cii	Jul 22/25	3-17	Jul 31/12
ciii	Jul 22/25	3-18	Jul 31/12
civ	Jul 22/25	3-19	Jul 22/2020
cv	Jul 22/25	3-20	Jul 22/2020
cvi	Jul 22/25	3-21	Jul 31/12
cvii	Jul 22/25	3-22	Oct 30/15
cviii	Jul 22/25	3-23	Oct 30/15
cix	Jul 22/25	3-23.1	Oct 30/15
cx	Jul 22/25	3-23.2	Oct 30/15
cx	Jul 22/25	3-24	Jul 31/12
cx	Jul 22/25	3-25	Dec 3/19
1-1	Jul 31/12	3-25.1	Feb 1/13
1-1.1	Dec 20/13	3-25.2	Feb 1/13
1-1.2	Nov 28/22	3-25.3	Feb 1/13
1-2	Sep 27/18	3-25.4	May 28/24

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
3-25.5	May 28/24	3-57	May 28/24
3-25.6	May 28/24	3-58	Jul 31/12
3-25.6.1	May 28/24	3-59	Dec 3/19
3-25.6.2	May 28/24	3-60	Sep 2/16
3-25.7	Feb 1/13	3-61	Jul 31/12
3-25.8	May 28/24	3-62	Dec 20/13
3-25.9	Feb 1/13	3-63	Jul 31/12
3-25.10	Feb 1/13	3-64	Sep 2/16
3-25.11	May 28/24	3-65	Jul 31/12
3-25.12	Jul 22/25	3-66	Sep 2/16
3-25.13	May 28/24	3-67	Sep 2/16
3-25.14	Feb 1/13	3-68	Dec 3/19
3-26	Feb 1/13	3-69	Jul 31/12
3-27	Feb 1/13	3-70	Jul 31/12
3-28	May 28/24	3-71	May 28/24
3-29	Jul 31/12	3-72	Jul 31/12
3-30	Feb 1/13	3-73	Jul 31/12
3-31	May 28/24	3-74	May 28/24
3-32	Oct 30/15	3-75	Feb 1/13
3-33	May 28/24	3-76	May 28/24
3-34	May 28/24	3-77	May 28/24
3-35	May 28/24	3-78	May 28/24
3-36	Sep 2/16	3-79	May 28/24
3-37	Jul 22/2020	3-80	Sep 2/16
3-38	Sep 2/16	3-81	May 28/24
3-39	Sep 2/16	3-82	May 28/24
3-40	Jul 31/12	3-83	Jul 22/25
3-41	Oct 30/15	3-84	May 28/24
3-42	Oct 30/15	3-85	May 28/24
3-43	Jul 31/12	3-86	May 28/24
3-44	Sep 2/16	3-87	May 28/24
3-45	Jul 31/12	3-88	May 28/24
3-46	Jul 31/12	3-89	May 28/24
3-47	May 9/18	3-90	May 28/24
3-48	Jul 31/12	3-91	May 28/24
3-49	Dec 3/19	3-92	May 28/24
3-50	Dec 3/19	4-1	Nov 16/01
3-51	Oct 30/15	4-1.1	Dec 20/13
3-52	Jul 31/12	4-1.2	Nov 28/22
3-53	Jul 31/12	4-2	Jan 30/12
3-54	Jul 31/12	4-3	May 28/24
3-55	May 28/24	4-3.1	May 28/24
3-56	Sep 2/16	4-3.2	May 28/24

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
4-4	Oct 30/15	5-25	Feb 1/13
4-5	May 28/24	5-26	Feb 1/13
4-6	May 28/24	5-27	May 9/18
4-7	May 28/24	5-28	Nov 28/22
4-8	Jul 31/12	5-29	Feb 1/13
4-9	Oct 30/15	5-30	Nov 28/22
4-10	Jul 31/12	5-31	Nov 28/22
4-11	May 28/24	5-32	Feb 1/13
4-12	May 28/24	5-33	Feb 1/13
4-13	Jul 31/12	5-34	Feb 1/13
4-14	Jul 31/12	5-35	Dec 20/13
4-15	May 28/24	5-36	Dec 20/13
4-16	Jul 22/25	5-37	Dec 20/13
4-17	May 28/24	5-38	Dec 20/13
4-18	Jul 31/12	5-39	Feb 1/13
4-19	Oct 30/15	5-40	Feb 1/13
4-20	Jul 31/12	5-41	Oct 30/15
5-1	Nov 16/01	5-42	Feb 1/13
5-1.1	Dec 20/13	5-43	Feb 1/13
5-1.2	Nov 28/22	5-44	Feb 1/13
5-2	Nov 28/22	5-45	Feb 1/13
5-3	Jul 22/25	5-46	Jul 22/25
5-4	May 28/24	5-47	Oct 30/15
5-5	Jul 22/25	5-48	Feb 1/13
5-6	May 28/24	5-49	Feb 1/13
5-7	Nov 28/22	5-50	May 9/18
5-8	May 28/24	5-51	Oct 30/15
5-9	Nov 28/22	5-52	Feb 1/13
5-10	May 28/24	6-1	Nov 16/01
5-11	May 28/24	6-1.1	Dec 20/13
5-12	May 28/24	6-1.2	Nov 28/22
5-13	May 28/24	6-2	Sep 27/18
5-14	May 9/18	6-3	Dec 15/10
5-15	Oct 30/15	6-4	Nov 16/01
5-16	Feb 1/13	6-5	Sep 27/18
5-17	Oct 30/15	6-6	Sep 27/18
5-18	Oct 30/15	6-7	May 28/24
5-19	Feb 1/13	6-8	May 28/24
5-20	Nov 28/22	6-9	May 28/24
5-21	Nov 28/22	6-10	May 28/24
5-22	Nov 28/22	6-11	May 28/24
5-23	Nov 28/22	6-11.1	Jul 22/2020
5-24	Jul 22/25	6-11.2	Oct 30/15

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
6-11.3	May 28/24	6-41.1	May 28/24
6-11.4	Sep 27/18	6-42	Sep 27/18
6-11.5	Jul 22/2020	6-43	May 28/24
6-11.6	Jul 22/25	6-44	May 28/24
6-11.7	Jul 22/25	6-45	May 28/24
6-11.8	May 28/24	6-46	Jul 22/25
6-12	Jan 30/12	6-47	May 28/24
6-13	May 28/24	6-48	Dec 20/13
6-14	Dec 3/19	6-49	May 28/24
6-15	Dec 3/19	6-50	May 28/24
6-16	Dec 3/19	6-51	Jan 30/12
6-17	May 28/24	6-52	Oct 30/15
6-17.1	May 28/24	6-52.1	Oct 30/15
6-17.2	May 28/24	6-53	Oct 30/15
6-17.3	May 28/24	6-53.1	Oct 30/15
6-17.4	May 28/24	6-54	Jan 30/12
6-18	May 28/24	6-55	Oct 30/15
6-19	Feb 1/13	6-56	Oct 30/15
6-19.1	May 28/24	7-1	Aug 13/07
6-19.2	May 28/24	7-1.1	Dec 20/13
6-20	Oct 30/15	7-1.2	Nov 28/22
6-21	May 28/24	7-2	Oct 30/15
6-22	Jan 30/12	7-2.1	Oct 30/15
6-23	Sep 2/16	7-2.2	May 28/24
6-24	Sep 2/16	7-2.3	May 28/24
6-25	Sep 2/16	7-3	Dec 20/13
6-26	Sep 2/16	7-3.1	May 9/18
6-27	Oct 30/15	7-3.2	May 9/18
6-28	Jan 30/12	7-3.3	Oct 30/15
6-29	Dec 3/19	7-4	Aug 13/07
6-30	Jan 30/12	7-5	Oct 30/15
6-31	Dec 3/19	7-6	Dec 3/19
6-32	Jan 30/12	7-7	Oct 30/15
6-33	Oct 30/15	7-8	Oct 30/15
6-34	May 28/24	7-9	Nov 16/01
6-35	Sep 2/16	7-10	Nov 16/01
6-35.1	Oct 30/15	7-11	Jul 22/25
6-36	Jul 29/11	7-12	Sep 27/18
6-37	Jul 31/12	7-13	Nov 16/01
6-38	Dec 20/13	7-14	Dec 20/13
6-39	May 28/24	7-15	Sep 27/18
6-40	May 28/24	7-16	Sep 27/18
6-41	Jul 22/25	7-17	Nov 11/02

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
7-18	Feb 1/13	8-11	Feb 1/13
7-19	Sep 2/16	8-12	Jul 22/25
7-20	Jul 22/25	8-13	Jul 22/25
7-20.1	Nov 11/02	8-14	May 28/24
7-20.2	Feb 1/13	8-15	May 28/24
7-21	Jul 22/25	8-16	Jul 13/05
7-22	Aug 13/07	8-17	Jan 30/12
7-23	Jan 30/12	8-18	Jul 13/05
7-24	Oct 30/15	8-19	May 28/24
7-25	Dec 3/19	8-20	May 28/24
7-26	May 28/24	8-21	Aug 13/07
7-26.1	Jul 22/2020	8-22	Jan 30/12
7-26.2	Oct 30/15	8-23	Dec 3/19
7-26.3	Dec 3/19	8-24	Jan 30/12
7-26.4	Jul 22/25	8-25	Jul 22/2020
7-27	Jul 22/25	8-26	Jul 22/2020
7-27.1	Dec 3/19	9-1	Nov 16/01
7-27.2	Dec 3/19	9-1.1	Dec 20/13
7-28	Dec 3/19	9-1.2	Nov 28/22
7-29	Dec 3/19	9-2	Feb 1/13
7-30	May 28/24	9-2.1	Feb 1/13
7-31	May 28/24	9-2.2	Jul 31/12
7-31.1	May 28/24	9-3	May 28/24
7-31.2	Dec 3/19	9-4	May 28/24
7-32	Aug 13/07	9-5	May 28/24
7-33	Jul 22/25	9-6	May 28/24
7-34	Oct 30/15	9-7	Jul 31/12
7-35	Oct 30/15	9-8	May 9/18
7-36	Oct 30/15	9-9	May 28/24
7-37	Jul 22/2020	9-10	May 28/24
7-38	Jul 22/2020	9-11	May 28/24
8-1	Jul 13/05	9-12	Feb 1/13
8-1.1	Dec 20/13	9-13	Sep 27/18
8-1.2	Nov 28/22	9-14	May 9/18
8-2	Oct 30/15	9-15	Nov 16/01
8-3	Oct 30/15	9-16	Oct 30/15
8-4	Jul 22/25	9-17	May 28/24
8-5	Jul 22/25	9-17.1	May 28/24
8-6	Oct 30/15	9-17.2	Jan 30/12
8-7	Oct 30/15	9-18	Oct 30/15
8-8	Jul 22/25	9-19	Oct 30/15
8-9	May 9/18	9-19.1	Jul 31/12
8-10	Jul 31/12	9-19.2	Jul 31/12

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
9-20	Feb 1/13	9-49	Sep 27/18
9-21	May 9/18	9-50	May 28/24
9-21.1	May 9/18	9-51	May 28/24
9-21.2	Jul 29/11	9-52	May 28/24
9-22	Feb 1/13	10-1	Nov 16/01
9-23	Oct 30/15	10-1.1	Dec 20/13
9-23.1	Oct 30/15	10-1.2	May 28/24
9-23.2	Oct 30/15	10-2	Sep 2/16
9-23.3	Oct 30/15	10-3	Sep 2/16
9-23.4	Jan 30/12	10-4	Jul 31/12
9-23.5	Oct 30/15	10-5	Jul 31/12
9-23.6	Oct 30/15	10-6	Nov 28/22
9-23.7	Oct 30/15	10-7	Nov 28/22
9-23.8	Oct 30/15	10-8	Sep 2/16
9-24	Nov 16/01	10-9	Sep 2/16
9-25	Dec 3/19	10-10	Jul 31/12
9-26	Dec 20/13	10-11	Jul 31/12
9-27	Nov 16/01	10-12	Jul 31/12
9-28	Nov 16/01	10-13	Feb 1/13
9-29	Jul 29/11	10-14	Nov 28/22
9-30	Nov 16/01	10-15	Jul 13/05
9-31	Oct 30/15	10-16	Sep 2/16
9-32	Sep 2/16	10-17	Sep 2/16
9-33	Jul 22/25	10-18	Jul 31/12
9-33.1	Dec 20/13	10-19	Jul 31/12
9-33.2	Dec 20/13	10-20	Jan 30/12
9-34	Dec 15/10	10-21	Nov 28/22
9-35	Jul 22/25	10-22	Sep 2/16
9-36	Jul 22/25	10-23	Sep 2/16
9-37	May 28/24	10-24	Sep 2/16
9-38	Dec 3/19	10-24.1	Oct 30/15
9-39	Jul 22/25	10-25	Sep 2/16
9-40	Oct 30/15	10-26	Sep 2/16
9-41	Oct 30/15	10-27	Sep 2/16
9-42	Oct 30/15	10-28	Jul 22/25
9-43	Oct 30/15	10-29	Jul 22/25
9-44	May 28/24	10-29.1	Jul 22/25
9-45	May 28/24	10-30	Jul 31/12
9-46	Jul 22/25	10-31	Nov 28/22
9-47	Jul 22/25	10-32	Jul 31/12
9-47.1	Jul 22/25	10-33	Nov 28/22
9-47.2	Oct 30/15	10-34	Jul 31/12
9-48	Nov 28/22	10-35	Feb 1/13

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
10-36	Jul 31/12	10-79	Jul 22/2020
10-37	May 28/24	10-80	Oct 30/15
10-38	Jul 31/12	10-81	Oct 30/15
10-39	Jul 31/12	10-82	Oct 30/15
10-40	Jul 31/12	10-83	Oct 30/15
10-41	May 28/24	10-83.1	May 28/24
10-42	May 28/24	10-83.2	May 28/24
10-43	May 28/24	10-84	Feb 1/13
10-44	Jul 31/12	10-85	Feb 1/13
10-45	May 28/24	10-86	Feb 1/13
10-46	Sep 2/16	10-86.1	Feb 1/13
10-47	Jul 31/12	10-86.2	Feb 1/13
10-48	Jul 31/12	10-86.3	Oct 30/15
10-49	May 28/24	10-86.4	Oct 30/15
10-50	May 28/24	10-86.5	Feb 1/13
10-51	Jul 22/25	10-86.6	Oct 30/15
10-52	Jul 22/25	10-86.7	Feb 1/13
10-53	Jul 31/12	10-86.8	Oct 30/15
10-54	Jul 31/12	10-87	Jul 31/12
10-55	Dec 20/13	10-88	Jul 31/12
10-56	Jul 31/12	10-89	Oct 30/15
10-57	Jul 31/12	10-90	May 9/18
10-58	Jul 31/12	10-91	Jul 31/12
10-59	Jul 22/25	10-92	May 9/18
10-60	Jul 22/25	10-93	Jul 31/12
10-61	Jul 31/12	10-94	Jul 31/12
10-62	May 28/24	10-95	Jul 31/12
10-63	May 28/24	10-96	Oct 30/15
10-64	Oct 30/15	10-97	Jul 31/12
10-65	Jul 31/12	10-98	Jul 31/12
10-66	Jul 31/12	10-99	Jul 31/12
10-67	Jul 31/12	10-100	Dec 20/13
10-68	Jul 31/12	10-101	Dec 3/19
10-69	Feb 1/13	10-102	Dec 3/19
10-70	Oct 30/15	10-103	Jul 31/12
10-71	Oct 30/15	10-104	Jul 31/12
10-72	Jul 31/12	10-105	May 9/18
10-73	Dec 20/13	10-106	Jul 31/12
10-74	Jul 31/12	10-107	May 9/18
10-75	Oct 30/15	10-108	Jul 31/12
10-76	Jul 31/12	10-109	May 9/18
10-77	Oct 30/15	10-110	May 28/24
10-78	Jul 22/2020	10-111	May 28/24

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

EFFECTIVE PAGE LIST

Page	Date	Page	Date
10-112	May 28/24	11-17	Jan 30/12
10-113	May 28/24	11-18	May 28/24
10-114	Jul 31/12	11-19	May 28/24
10-115	Jul 31/12	11-20	Jan 30/12
10-116	Feb 1/13	11-21	Oct 30/15
10-117	Jul 31/12	11-22	Jul 22/2020
10-118	Jul 31/12	11-23	Oct 30/15
10-119	Oct 30/15	11-24	Jul 31/12
10-120	Feb 1/13	A-1	Jan 30/12
10-121	Feb 1/13	A-2	Sep 20/13
10-122	Feb 1/13	A-3	Nov 28/22
10-123	Feb 1/13	A-4	Oct 30/15
10-124	Oct 30/15	A-5	Oct 30/15
10-125	Jul 31/12	A-6	Dec 3/19
10-126	Oct 30/15	A-7	Dec 3/19
10-127	Jul 31/12	A-8	Sep 20/13
10-128	Jul 31/12	B-1	Jul 22/25
10-129	Jul 31/12	B-2	May 28/24
10-130	Jul 31/12	B-3	May 28/24
10-131	Jul 31/12	B-4	May 28/24
10-132	Jul 31/12	B-5	May 28/24
10-133	Jul 31/12	B-6	May 28/24
10-134	Jul 31/12	B-7	May 28/24
11-1	Nov 16/01	B-8	May 28/24
11-1.1	Dec 20/13	B-9	May 28/24
11-1.2	Nov 28/22	B-10	May 28/24
11-2	Nov 16/01	B-11	May 28/24
11-3	Oct 30/15	B-12	May 28/24
11-4	Oct 30/15	B-13	May 28/24
11-5	Jul 22/25	B-14	May 28/24
11-6	May 28/24	B-15	May 28/24
11-7	Nov 16/01	B-16	Jul 22/25
11-8	Jul 31/12	B-17	Jul 22/25
11-9	May 28/24	B-18	Jul 22/25
11-9.1	May 28/24	B-19	Jul 22/25
11-9.2	Jul 31/12	B-20	Jul 22/25
11-10	Nov 16/01		
11-11	May 28/24		
11-12	Jan 30/12		
11-13	Jan 30/12		
11-14	Dec 3/19		
11-15	Jan 30/12		
11-16	Aug 16/13		

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
008-00041-0001	10-36	—	020-986-001	5-3	20
010-00188-03	10-37	10	030-01094-0077	10-36	—
01-0770028-05	10-30	1	030-01107-0048	10-36	—
01-0770119-15	10-1	31	034921-01	5-12	—
01-0770119-15	10-2	31	038088-08	6-9	35
01-0770119-15	10-3	24	038088-08-80	6-9	35
01-0770119-15	10-4	26	0402-005	6-1	16
01-0770119-15	10-5	5	047-05860-0001	10-36	—
01-0770119-15	10-6	5	050-01780-0003	10-36	6
01-0771424-20	10-28	5	0660-1055-0071	10-36	1
01-0790006-01	10-30	4	089-02013-0037	10-36	—
01-0790006-01	10-31	—	089-02051-0024	10-36	—
01-0790006-01	3-8	26	089-02191-0022	10-36	—
01-0790006-01	App A	—	089-02353-0001	10-36	—
01-0790006-03	10-30	4	089-05903-0007	10-36	—
01-0790006-03	10-31	—	089-05907-0012	10-36	—
01-0790006-03	3-8	25	089-06012-0008	10-36	—
01-0790006-03	App A	—	08DU	App A	—
01-0790340-03	10-30	4	08DU08	9-11	15
01-0790340-03	10-32	10	091-00072-0003	10-36	—
01-0790340-03	3-8	26	09-DU-12	9-3	22
01-0790340-04	10-30	4	#1	5-5	55
01-0790340-04	10-32	11	1-480319-0	6-1	—
01-0790340-04	3-8	25	1/2 X8	App A	—
01-1030-H-A-P	10-29	40	1/2 X 8 PK	3-2	—
01-1030-H-A-P Rev A	10-29	40	1/4 Harper	3-6.1	100
01-1030-H-A-P Rev B	10-29	40	1/4 Harper	3-23	400
01-1030-H-A-P Rev C	10-29	40	1/4 Harper	6-12	30
01-691-04	9-15	27	1/4 Harper	8-7	27
01-691-05	9-13	10	1/4 Harper	9-10	3
02-0250276-00	10-31	8	1/4 Harper	9-8	10
02-0250276-00	App A	—	1/4 Harper	9-8	21
02-0350259-00	10-31	1	1/8 X 832	11-5	90
02-0350259-00	App A	—	1/8 X 832	5-8	—
02-0350260-00	10-31	3	1/8X832	5-11	290
02-0350260-00	App A	—	10065	App A	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
102	3-3	—	1219-4200-Z3Y	App A	—
102-00007	7-8	38	1238716	5-2	260
102-00007	7-8.1	34	124F003-4CR0210	6-1	64
1040	10-1	5	12500750-125B	8-5	14
1040	10-2	5	13241-LDS	7-8	25
1040	10-3	5	1357	3-23	—
1040	10-4	5	13AT401-T2	9-6	30
1053	11-1	27	13AT401-T2	9-7	24
105CPOLYKEN	3-19	—	13AT401-T2	9-7.1	14
10-796-00	11-4	14	13AT401-T2	9-7.2	14
10-796-00	11-5	340	14-0050508-27	10-32	9
108FR	3-19	—	14399-001	10-1	18
10-DU-10	6-7.2	21	14399-001	10-2	18
10-DU-10	9-4	3	14399-001	10-3	18
10-DU-10	9-4	5	14399-001	10-4	18
1102	7-8	27	14399-002	10-1	17
1102	7-8.1	24	14399-002	10-2	17
11052	7-2	5	14399-002	10-3	17
11052	7-2	5	14399-002	10-4	17
1117067-05	3-18	29	14399-003	10-1	16
1117067-07	3-18	28	14399-003	10-2	16
1157	11-6	40	14399-003	10-3	16
11-691-04	9-15	24	14399-003	10-4	16
11-691-05	9-13	14	1-480303-0	10-37	80
1-172165-9	10-4	32	1-480305-0	10-37	90
11TS15-2	10-1	23	1-480318-0	10-1	—
11TS15-2	10-2	23	1-480318-0	10-1	—
11TS15-2	10-7	2	1-480318-0	10-1	—
11TS15-2	10-8	2	1-480318-0	10-1	—
11TS15-2	10-9	2	1-480318-0	10-2	—
11TS15-2	10-9	2	1-480318-0	10-2	—
1219-4200-Z3Y	3-2	—	1-480318-0	10-2	—
1219-4200-Z3Y	3-2	—	1-480318-0	10-2	—
1219-4200-Z3Y	3-2	—	1-480318-0	10-2	—
1219-4200-Z3Y	3-2	—	1-480318-0	10-3	—
1219-4200-Z3Y	6-11	18	1-480318-0	10-3	—
1219-4200-Z3Y	6-12	20	1-480318-0	10-4	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
1-480318-0	10-4	—	1-604102-1	10-18	—
1-480319-0	10-1	—	1-604102-1	10-19	—
1-480319-0	10-1	—	16-1	8-7	30
1-480319-0	10-1	—	1637-B	7-10	10
1-480319-0	10-1	—	1637-B	8-1	35
1-480319-0	10-2	—	1637-B	8-2	39
1-480319-0	10-2	—	1637-B	9-12	12
1-480319-0	10-2	—	1641-B	8-1	28
1-480319-0	10-2	—	1641-B	8-3	20
1-480319-0	10-2	—	1641-B	9-11	6
1-480319-0	10-29	—	1641-B	9-13	3
1-480319-0	10-3	—	1650	8-3	20
1-480319-0	10-3	—	1650	8-7	21
1-480319-0	10-4	—	16DU16	9-12	4
1-480319-0	10-4	—	170363-1	10-17	19
1-480319-0	5-7	—	170363-1	10-4	33
1-480319-0	7-9	—	170364-1	10-17	19
1-480424-0	6-7.3	70	1-72165-9	10-17	18
1-480426-0	10-18	—	172233-1	10-17	18
14809	7-1	2	17240	App A	—
14809	7-1.1	12	1740001-01	6-9	34
14809	App A	—	1741125	6-9	—
1495	10-1	—	1743629-01	5-12	—
150SG1009-5	6-1	—	1743640-01	5-12	60
150SG1009-5	6-1	—	1743645-01	5-12	—
150SG1040	6-1	53	1743645-02	5-12	70
150SG1040	6-1	53	1756-2	10-14	7
150SG1108	6-1	52	18-200	10-1	—
150SG1108	6-1	52	18-200	10-2	—
150SG117Q-3	6-1	51	18-200	10-3	—
150SG117Q-3-1	6-1	51	18-200	10-4	—
150SG117Q-4	6-1	51	18-200	10-4	—
150SG117Q-4-1	6-1	51	18-200	10-4	—
1539-001	7-11	14	18-200	10-4	—
1540	7-8	—	18-215	10-1	—
1540	7-8.1	—	18-215	10-2	—
1-604102-1	10-18	—	18-215	10-3	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
18-215	10-4	—	2-029	8-3	14
18-215	10-4	—	2-032	8-2	45
18-215	10-4	—	2-041	7-1	10
18-215	10-4	—	20526	7-6	11
18-DU-12	9-6	8	20526	7-6.1	10
18-DU-12	9-7	8	20526	App A	—
18050-42	7-9	28	206-061-505-003	6-9	1
1/8 X 1/16 FG-S	7-9	—	208	7-4	8
1911-B	7-4	9	210A155	9-3	8
1911-B	7-6	14	2-131	4-4	15
1911-B	7-6.1	13	2-133	8-3	15
1911-B	8-1	34	2-137	8-5	15
19-170049-009	10-31	12	2-141	7-1	8
19-170049-009	App A	—	2-141	7-1.1	17
19-170049-010	10-32	8	2-141	7-2	4
19754	8-2	43	2-141	7-2	4
1B7536	7-8	5	218-901-019	10-2	9
1SE1	10-23	7	219N04X02	10-34	1
1SE1	6-1	87	21FA-540	7-11	13
2/0	6-3	66	21FA-540	7-8	—
2000653-001	11-6	50	21FA-540	7-9	—
20012S	6-1	47	2-212	8-2	23
20020S	4-5	—	2212000	10-4	—
20020S	4-5	—	2-218	4-4	5
20020S	4-5	—	22-370-150	10-16	8
20020S	4-5	—	22-370-150	10-17	9
20020S	4-5	—	22-370-200	10-17	9
20020S	4-5	—	229001	10-10	—
20044S	6-1	105	229001	11-6	—
2-008-S604-70	10-25	—	229001	11-6	—
2-008-S604-70	10-25	—	229001	11-6	—
2-011	10-27	10	229002	10-10	—
2-015	4-4	30	229003	10-10	—
2-018	7-11	4	229007	10-10	—
2-025 E515-80	8-5	4	22NA17A-02	3-13	31
2-025 E515-80	8-5	11	22NA1-82	3-8	39
2-029	7-9	21	22NA1-82BC	3-8	40

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
22NA27-22-02	10-13	5	267-1000-002	10-1	9
22NA27-22-02	6-3	46	267-1000-002	10-2	9
22-NA27-68-02	10-13	5	268N 4X2	App A	—
23052351	6-1	—	268N04X02	10-34	1
23052363	3-20	90	268N04X02	App A	—
23053995	7-1	16	268-N-04X02	App A	—
23053995	7-2	10	269N 4X2	App A	—
23054604	6-1	23	269N04X02	10-34	5
23063426	6-1	41	269-N-04X02	App A	—
23064565	6-1	60	269-N-04X04	10-27	6
23113DH	5-8	38	27539	7-4	6
23121DH	5-8	6	27539	7-5	11
2335-265	10-20	12	28-00014-1	3-20	10
23S-094-075	3-6	100	28-00015-1	3-20	100
24004-71-71	11-6	120	28-01041-3	6-10	22
24004TR71	11-6	180	280-114508-11	3-2	11
24914	7-4	3	28-11121-4	10-33	10
24914	7-5	3	28-11121-4	10-33	19
2523184	6-6	19	28-11121-7	10-33	6
259 N4	App A	—	28-11215-1	3-9	17
259N04	10-27	5	28-11215-11	3-9	17
259N04	10-34	2	28-11217-1	3-9	16
259N04	App A	—	28-11217-3	3-9	16
259-N-04X02	App A	—	28-11227-13	3-13	5
261N04X02	10-34	—	28-11227-13	3-13	10
261N04X02	10-34	—	28-11227-15	3-13	6
262N4	10-27	—	28-11227-15	3-13	8
262N4	10-27	—	28-11227-17	3-13	6
262N4	10-27	—	28-11227-19	3-13	—
264N 4	App A	—	28-11227-19	3-13	—
264N04	10-34	3	28-11227-21	3-13	8
264N04	App A	—	28-11227-23	3-13	—
264-N-04X02	App A	—	28-11227-23	3-13	—
264N4	10-27	4	28-11231-11	3-13	—
265N 4	App A	—	28-11233-1	3-13	15
265N04	App A	—	28-11233-13	3-13	—
265-N-04X02	App A	—	28-11233-5	3-13	18

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-11236-11	3-13	19	28-125	10-11	3
28-11236-13	3-13	13	28-13005-1	7-7	2
28-11236-15	3-13	12	28-13107-15	7-8	18
28-11236-17	3-13	20	28-13107-15	7-8.1	15
28-11236-19	3-13	22	28-13120-1	7-8	7
28-11236-21	3-13	14	28-13120-1	7-8.1	4
28-11237-11	3-13	33	28-13122-3	7-8.2	10
28-11237-11	3-8	38	28-13122-993	7-8.2	—
28-11238-1	3-13	23	28-13137-11	7-8	26
28-11238-11	3-13	—	28-13142-1	7-6	6
28-11238-13	3-13	26	28-13142-1	7-8	—
28-11239-1	3-13	1	28-13145-1	7-11	—
28-11239-101	3-13	11	28-13145-1	8-5	30
28-11239-29	3-13	—	28-13146-1	7-8	—
28-11239-3	3-13	7	28-13146-1	7-8.1	—
28-11239-31	3-13	—	28-13148-1	7-8	12
28-11239-31	3-13	—	28-13148-1	7-8.1	9
28-11239-35	3-13	—	28-13149-1	7-8	13
28-11239-35	3-13	—	28-13149-1	7-8.1	10
28-11239-37	3-13	—	28-13152-11	7-8	—
28-11239-39	3-13	—	28-13152-11	7-8.1	—
28-11239-9	3-13	9	28-13152-13	7-8	31
28-11241-13	3-13	—	28-13152-13	7-8.1	28
28-11241-3	3-13	21	28-13180-11	7-6	8
28-11711-15	3-4	150	28-13180-11	7-6.1	7
28-11711-15	3-4	170	28-13184-11	7-6	15
28-11712-15	3-4	80	28-13184-11	7-6.1	14
28-11714-11	3-4	220	28-13322-11	7-6	12
28-11715-11	3-3	10	28-13322-11	7-6.1	11
28-12319-1	3-2	—	28-13323-11	7-6	10
28-12319-1	3-2	—	28-135003-11	7-11	3
28-12356-1	6-2	2	28-13511-11	7-11	21
28-12400-23	6-1	73	28-13511-13	7-11	21
28-12420-15	5-12	160	28-13515-3	7-11	5
28-12429-9	5-2	410	28-13525-9	7-11	1
28-12460-1	5-12	120	28-13531-11	7-11	16
28-12460-1	5-9	—	28-13532-11	7-11	19

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-13605-4	7-10	11	28-14009-2	8-1	37
28-13605-5	7-10	11	28-14009-2	8-2	42
28-13605-6	7-10	11	28-14009-3	8-1	37
28-13605-7	7-10	11	28-14009-3	8-2	42
28-13605-8	7-10	11	28-14009-5	8-1	37
28-13607-1	7-11	22	28-14009-5	8-2	42
28-13611-13	7-10	6	28-14019-10	8-4	3
28-13611-15	7-10	6	28-14019-3	8-4	3
28-13621-13	6-10	25	28-14019-5	8-4	3
28-13621-13	7-10	17	28-14019-6	8-4	3
28-14004-1	8-1	40	28-14019-7	8-4	3
28-14004-1	8-2	47	28-14019-8	8-4	3
28-14006-11	8-1	30	28-14100-9	8-3	37
28-14006-11	8-2	35	28-14109-1	8-3	59
28-14006-13	8-1	30	28-14110-1	8-3	—
28-14006-13	8-2	35	28-14110-2	8-3	—
28-14006-15	8-1	30	28-14110-3	8-3	—
28-14006-15	8-2	35	28-14117-1	8-1	22
28-14006-17	8-1	30	28-14117-11	8-1	22
28-14006-17	8-2	35	28-14117-13	8-2	26
28-14006-19	8-1	30	28-14119-11	8-3	—
28-14006-19	8-2	35	28-14141-13-Kit	8-3	58
28-14006-3	8-1	30	28-14141-913	8-3	58
28-14006-3	8-2	35	28-14202-1	8-1	4
28-14006-5	8-1	30	28-14202-1	8-2	4
28-14006-5	8-2	35	28-14207-101	9-13	1
28-14006-7	8-1	30	28-14207-9	9-13	1
28-14006-7	8-2	35	28-14219-3	8-1	—
28-14006-9	8-1	30	28-14219-5	8-2	—
28-14006-9	8-2	35	28-14219-7	8-1	—
28-14007-3	8-3	38	28-14219-901	8-1	—
28-14008-1	8-1	39	28-14219-903	8-2	—
28-14008-1	8-2	46	28-14223-1	8-1	11
28-14009-1	8-1	37	28-14223-1	8-2	11
28-14009-1	8-2	42	28-14224-1	8-1	7
28-14009-10	8-2	42	28-14224-1	8-2	7
28-14009-15	8-2	42	28-14224-3	8-1	15

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-14224-5	8-1	15	28-14261-1	8-3	10
28-14224-5	8-2	15	28-14262-1	9-13	4
28-14227-1	8-1	20	28-14265-3	8-5	10
28-14227-1	8-2	24	28-14270-1	8-3	19
28-14227-11	8-4	6	28-14276-1	8-5	2
28-14228-1	8-1	19	28-14277-1	8-5	3
28-14231-1	8-3	5	28-14278-1	8-3	46
28-14233-3	8-4	1	28-14279-3	8-3	18
28-14234-901	8-3	1	28-14280-3	8-1	9
28-14234-909	8-3	—	28-14280-5	8-1	9
28-14235-1	8-1	38	28-14280-5	8-2	9
28-14236-1	8-1	24	28-14281-3	8-1	13
28-14236-1	8-1	29	28-14281-5	8-1	13
28-14236-1	8-2	28	28-14281-5	8-2	13
28-14236-1	8-2	34	28-14282-13	8-3	1
28-14236-1	8-4	4	28-14283-1	8-3	41
28-14239-1	8-3	34	28-14290-3	8-1	12
28-14239-5	8-3	34	28-14290-3	8-2	12
28-14240-1	8-3	2	28-14290-5	8-1	12
28-14244-1	8-1	8	28-14290-5	8-2	12
28-14244-1	8-2	8	28-14290-7	8-1	12
28-14250-1	8-1	—	28-14290-7	8-2	12
28-14250-1	8-2	—	28-14290-9	8-1	12
28-14250-1	9-13	23	28-14290-9	8-2	12
28-14250-3	9-13	24	28-14293-11	8-3	22
28-14251-1	8-1	25	28-14293-13	8-3	22
28-14251-1	8-2	29	28-14293-7	8-3	22
28-14251-2	8-1	26	28-14293-9	8-3	22
28-14251-2	8-2	30	28-14311-1	8-3	7
28-14252-1	8-1	10	28-14313-1	8-3	13
28-14252-1	8-1	14	28-14320-15	8-3	21
28-14256-1	8-1	31	28-14335-1	8-3	23
28-14256-1	8-2	36	28-14356-5	8-5	—
28-14257-1	8-1	32	28-14357-3	8-5	1
28-14257-1	8-2	37	28-14357-5	8-5	1
28-14259-1	8-6	7	28-14358-4	8-5	5
28-14259-3	9-13	20	28-14358-4	8-5	12

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-14359-11	8-1	10	28-150001-9	8-7	19
28-14359-11	8-2	10	28-150044-5	8-7	20
28-14359-15	8-5	2	28-150055-1	8-7	14
28-14359-17	8-5	3	28-150055-13	8-7	14
28-14359-19	8-1	14	28-150055-15	8-7	14
28-14359-19	8-2	14	28-150060-11	8-7	11
28-14366-1	8-5	21	28-150063-11	8-7	12
28-14367-7	8-5	22	28-150063-13	8-7	12
28-14368-2	7-8	29	28-150067-15	8-7	2
28-14368-2	7-8.1	26	28-150074-11	8-7	1
28-14368-2	8-5	23	28-150074-13	8-7	1
28-14369-1	8-5	27	28-150076-1	8-7	9
28-14370-17	8-5	6	28-150076-13	8-7	7
28-14374-13	8-5	29	28-150076-15	8-7	4
28-14374-15	8-5	29	28-150076-17	8-7	3
28-14375-103	8-5	—	28-150076-19	8-7	6
28-14375-107	8-5	—	28-150078-10	8-7	8
28-14375-906	8-5	—	28-150078-12	8-7	8
28-14375-907	8-5	—	28-150078-13	8-7	8
28-14375-908	8-5	—	28-150078-15	8-7	8
28-14381-1	8-3	—	28-150079-7	8-7	—
28-14381-3	8-3	—	28-150079-901	8-7	—
28-14381-901	8-3	28	28-15030-1	8-7	29
28-14381-902	8-3	26	28-15033-1	8-7	18
28-14381-903	8-3	1	28-15033-11	8-7	18
28-14382-19	8-3	32	28-15033-15	8-7	18
28-14382-21	8-3	27	28-15033-17	8-7	18
28-14383-13	8-3	—	28-15033-5	8-7	18
28-14384-13	8-3	—	28-16042-11	9-6	9
28-14385-13	8-3	1	28-16042-11	9-7	9
28-14385-15	8-3	1	28-16043-11	9-12	10
28-14386-3	8-3	18	28-16043-13	9-12	35
28-14386-5	8-3	18	28-16043-15	9-12	38
28-14387-13	8-3	—	28-16043-19	9-12	10
28-14389-11	8-3	—	28-16106-2	9-12	5
28-14389-13	8-3	—	28-16108-11	9-12	7
28-14390-11	8-5	8	28-16108-2	9-12	7

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-16109-1	9-12	19	28-16234-6	9-8	7
28-16109-11	9-12	19	28-16236-1	9-8	16
28-16109-13	9-12	—	28-16237-1	9-8	14
28-16112-13	9-12	13	28-16238-1	9-8	18
28-16112-15	9-12	13	28-16238-3	9-8	—
28-16112-17	9-12	13	28-16239-4	9-8	9
28-16113-1	9-12	15	28-16253-6	9-12	31
28-16116-1	9-11	18	28-16253-8	9-12	31
28-16116-11	9-11	18	28-16258-1	9-8	20
28-16119-5	9-11	7	28-16260-1	9-12	1
28-16124-1	9-10	11	28-16263-5	9-11	13
28-16125-3	9-12	9	28-16264-1	9-12	2
28-16125-4	9-12	9	28-16308-1	9-15	19
28-16125-5	9-12	9	28-16310-2	9-15	18
28-16126-1	9-12	14	28-16311-1	9-15	39
28-16129-2	9-10	10	28-16313-1	9-15	1
28-16143-1	9-12	32	28-16314-1	9-15	3
28-16143-3	9-12	32	28-16319-1	9-15	2
28-16156-1	9-2	—	28-16331-1	9-15	6
28-162004-11	9-8	28	28-16332-1	9-14	—
28-16201-1	9-3	19	28-16332-1	9-14	—
28-16203-1	9-2	37	28-16332-1	9-14	—
28-16203-1	9-8	26	28-16332-1	9-14	—
28-16206-11	9-13	12	28-16332-3	9-14	—
28-16215-1	9-7.1	34	28-16332-3	9-14	—
28-16215-1	9-7.2	27	28-16336-11	9-13	22
28-16219-1	9-10	4	28-16341-1	9-14	53
28-16222-1	9-8	28	28-16345-1	9-15	—
28-16223-19	9-11	17	28-16345-11	9-15	—
28-16224-5	9-11	19	28-16348-1	4-2	23
28-16225-19	9-11	20	28-16352-1	9-14	44
28-16226-5	9-11	16	28-16353-3	9-15	30
28-16227-3	9-11	12	28-16353-5	9-15	35
28-16229-13	9-8	29	28-16374-1	9-15	16
28-16230-1	9-8	27	28-16386-1	9-12	6
28-16231-1	9-8	31	28-16391-1	9-15	23B
28-16232-1	9-8	32	28-16391-3	9-15	23A

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-16391-5	9-15	23A	28-16524-8	9-12	24
28-16392-13	9-15	12	28-16524-8	9-9	15
28-16394-11	9-15	7	28-16601-1	9-3	23
28-16395-1	9-15	17	28-16603-1	9-3	24
28-16396-2	9-15	—	28-16604-1	9-3	21
28-16397-11	9-15	13	28-16608-13	9-3	15
28-16398-901	9-15	23C	28-16609-1	9-3	4
28-16399-11	7-11	18	28-16610-1	9-3	5
28-164043-11	6-6	22	28-16611-15	9-3	25
28-16476-2	6-1	30	28-16613-3	9-3	28
28-16524-1	9-9	15	28-16614-5	9-3	32
28-16524-3	7-8	32	28-16615-1	9-3	27
28-16524-3	7-8.1	29	28-16617-1	9-3	43
28-16524-3	9-1	31	28-16620-1	9-3	2
28-16524-3	9-11	14	28-16623-1	9-3	42
28-16524-3	9-12	24	28-16624-11	9-3	34
28-16524-3	9-9	15	28-16625-1	9-2	36
28-16524-4	9-1	31	28-16628-1	9-3	26
28-16524-4	9-11	14	28-16630-3	9-3	1
28-16524-4	9-12	24	28-16630-4	9-3	1
28-16524-4	9-9	15	28-16632-1	9-3	12
28-16524-5	7-8	32	28-16633-1	9-3	7
28-16524-5	7-8.1	29	28-16636-5	9-3	—
28-16524-5	9-1	31	28-17101-1	4-1	32
28-16524-5	9-11	14	28-17101-7	4-1	32
28-16524-5	9-12	24	28-17123-1	4-4	22
28-16524-5	9-9	15	28-17123-11	4-4	22
28-16524-6	9-1	31	28-17144-1	4-4	2
28-16524-6	9-11	14	28-17144-5	4-4	2
28-16524-6	9-12	24	28-17145-1	4-4	8
28-16524-6	9-9	15	28-17146-7	4-4	1
28-16524-7	9-1	31	28-17146-907	4-4	1
28-16524-7	9-11	14	28-17147-3	4-4	14
28-16524-7	9-12	24	28-17149-1	4-4	6
28-16524-7	9-9	15	28-17150-1	3-1	340
28-16524-8	9-1	31	28-17150-1	4-1	34
28-16524-8	9-11	14	28-17151-1	4-4	7

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
28-17155-1	4-4	11	28NBC2040YZP	8-2	27
28-17156-1	4-4	10	2D7310	7-8	17
28-17156-3	4-4	10	2D7310	7-8.1	14
28-17157-1	4-4	9	2D8934	7-8	17
28-17164-11	3-20	80	2D8934	7-8.1	14
28-17164-11	4-2	27	3/8 Harper	3-7	5
28-17164-13	3-20	20	3/8 Harper	8-3	56
28-17200-15	3-9	8	3/8 Harper	9-12	23
28-17203-1	3-10	17	3/8 Harper	9-8	30
28-17203-11	3-10	17	3/8-6R	3-21	—
28-17205-1	3-9	6	300-097	6-4	—
28-17206-11	3-10	15	3001-127-470Sep 27/180C- 6.3M	10-22	1
28-17206-13	3-10	14	3001-127-470Sep 27/180C- 6.3M	App A	—
28-17206-13	3-9	7	3001-127-47018	10-22	1
28-17206-17	3-10	12	3001-127-47018	App A	—
28-17206-19	3-10	16	300-166	6-5	13
28-17208-11	3-10	4	3025A17	7-8	30
28-17308-1	8-7	22	3025A17	7-8.1	27
28-18009-13	3-20	—120B	3025A35	7-8	30
28-18009-17	3-20	—120D	3025A35	7-8.1	27
28-18009-2	3-20	120	30345T177	9-2	45
28-18009-21	3-20	—120E	30345T177	9-2	55
28-18009-23	3-20	—120A	30345T178	9-2	45
28-18009-3	3-20	—120C	30345T178	9-2	55
28-19048-11	10-23	12	313	10-1	—
28-19061-11	3-20	130	313	10-1	—
28-20107-11	3-20	40	313	10-1	—
28-21009-13	10-28	6	313	10-2	—
28-22184-11	10-38	110	313	10-2	—
28-22184-11	10-39	100	313	10-2	—
28-41	10-11	2	313	10-2	—
286377	10-10	1	313	10-3	—
286377	11-6	—	313	10-3	—
286377	11-6	—	313	10-3	—
286377	11-6	—	313	10-4	—
28NBC2040YZP	8-1	23	313	10-4	—
28NBC2040YZP	8-1	36	313	10-4	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
313	11-6	—	3621	10-14	—
32005-023	6-1	16	3621	10-15	1
32005-023	6-1	17	3659-03	10-22	11
321620	7-1.1	160	369583	7-1.1	160
323101A575ZB	6-1	52	369H8011	6-3	28
327	10-1	—	38-0130090-00	10-31	9
327	10-1	—	38-0130090-00	App A	—
327	10-1	—	38-0130107-00	10-31	7
327	10-2	—	38-0130107-00	App A	—
327	10-2	—	38-0130878-01	10-32	5
327	10-2	—	38-0230021-00	10-31	5
327	10-3	—	38-0230021-00	App A	—
327	10-3	—	38-0230021-01	10-32	3
327	10-3	—	38-0250901-00	10-32	1
327	10-4	—	381N500	10-9	11
327	10-4	—	381N500	App A	—
327	10-5	—	381N-500	App A	—
327	10-6	—	381N-500-S	10-1	29
32NBC2044YZP	8-3	11	381N-500-S	10-2	29
331008-13	3-17	10	381N-500-S	10-7	10
331008-2	3-17	7	381N-500-S	10-8	10
331281-29W	3-17	15	381N-500-S	10-9	11
331281-34W	3-18	8	381N-500-S	App A	—
331281-34W	3-18	17	3-902 E515-80	8-5	25
331281-34W	3-23	150	3-902 V747-75	7-1.1	20
331381-48W	3-17	30	3-902 V747-75	7-1.1	140
34-0428020-65	10-31	2	3-902 V747-75	7-1.1	190
34-0428020-65	App A	—	3-903 V747-75	7-1.1	210
34-0428070-64	10-31	4	3-903 V747-75	7-1.1	230
34-0428070-64	App A	—	3-910 E515-80	8-5	24
34256	7-8	25	3SNE094A-72	6-6	1
34256	7-8.1	22	3SNE094A-72	App A	—
3519-6	6-9	—	3SNE-094A-72	App A	—
35574	7-8	14	3-SNE-094A-72	App A	—
35574	7-8.1	11	4 C5OX-S	6-1	25
36-0050626-01	10-32	6	4016-1	3-3	19
3621	10-13	28	408764B	6-1	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
409140	6-1	52	4114002-21	3-6	30
40NBC2052YZP	8-3	9	4114002-22	3-3	7
4101501-3	3-1	—	4114002-22	3-6	40
4101501-3	3-22	—	4114002-23	3-3	4
4110040-201	3-1	300	4114002-24	3-3	5
4112000-103	3-7	1	4114002-29	3-3	1
4112000-7	3-7	1	4114002-30	3-3	2
4112000-9	3-7	1	4114002-31	3-3	14
4112000-903	3-1	310	4114002-32	3-3	15
4112003-11	3-8	33	4114002-919	3-3	8
4112003-12	3-8	34	4114002-920	3-3	9
4112003-13	3-8	36	4114008-11	3-23	470
4112003-14	3-8	37	4114009-3	3-6.1	390
4112004-1	3-8	1	4114009-4	3-6.1	400
4112011-5	3-9	12	4114010-11	3-2	15
4112025-11	3-1	130	4114014-11	3-14	—
4112025-11	3-7	6	4114014-13	3-14	—
4112025-13	3-1	140	4114014-14	3-14	—
4112025-13	3-7	7	4114014-15	3-14	—
4112025-15	3-1	150	4114018-1	3-1	290
4112025-15	3-7	8	4114019	3-23	220
4112025-17	3-1	160	4114020-1	3-1	270
4112025-17	3-7	9	4114023-901	3-1	10
4112025-19	3-1	170	4114026-3	3-2	13
4112025-19	3-7	10	4114026-4	3-2	14
4112034-11	3-12	—	4114029-1	3-2	13
4112034-13	3-12	6	4114029-2	3-2	14
4112034-15	3-12	10	4114030-3	3-1	30
4112034-15	3-9	8	4114037-1	10-17	23
4112034-23	3-12	2	4114039-11	10-17	20
4112034-25	3-12	6	4114039-15	10-17	20
4112034-3	3-12	1	4115000-1	10-35	5
4112034-37	3-12	—	4115001-21	11-6	60
4112035-5	3-12	11	4115004-1	3-21	90
4114002-13	3-3	12	4115004-3	3-21	100
4114002-14	3-3	13	4115005-1	3-21	70
4114002-21	3-3	6	4115005-3	3-21	80

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4115005-5	3-21	—	4118284-1	3-6.1	150
4115005-7	3-21	—	4118284-1	3-6.1	330
4115005-9	3-21	—	4118284-13	3-6.1	180
4115013-1	3-21	140	4118284-13	3-6.1	370
4115014-17	3-21	—	4118290-15	3-6.1	260
4115014-18	3-21	—	4118290-16	3-6.1	290
4115014-19	3-21	—	4118290-17	3-6.1	300
4115014-21	3-21	—	4118290-18	3-6.1	310
4115014-22	3-21	—	4118290-21	3-6.1	320
4115020-1	3-21	210	4118290-33	3-6.1	280
4118255-39	3-3	3	4118291-10	3-6	930
4118260-5	3-6	310	4118291-101	3-6	360
4118260-6	3-6	320	4118291-102	3-6	370
4118268-11	3-4	10	4118291-13	3-6	630
4118268-12	3-4	20	4118291-13	3-6	810
4118268-13	3-4	10	4118291-25	3-6	210
4118268-14	3-4	20	4118291-25	3-6	380
4118269-11	3-4	120	4118291-25	3-6	480
4118269-12	3-4	130	4118291-25	3-6	940
4118270-1	3-4	60	4118291-5	3-6	190
4118270-2	3-4	70	4118291-6	3-6	200
4118271-1	3-4	100	4118291-7	3-6	460
4118271-2	3-4	110	4118291-8	3-6	470
4118272-1	3-4	—	4118291-9	3-6	920
4118272-2	3-4	—	4118292-1	3-6	280
4118272-3	3-4	—	4118292-13	3-6	330
4118272-4	3-4	—	4118292-17	3-6	140
4118278-21	3-6.1	120	4118292-17	3-6	340
4118278-21	3-6.1	360	4118292-29	3-6	660
4118278-23	3-6.1	110	4118292-3	3-6	130
4118278-23	3-6.1	350	4118292-30	3-6	670
4118281-1	3-6.1	20	4118292-33	3-6	540
4118281-19	3-6.1	190	4118292-34	3-6	550
4118281-2	3-6.1	30	4118292-35	3-6	760
4118281-21	3-6.1	380	4118292-36	3-6	770
4118281-3	3-6.1	60	4118292-43	3-6	400
4118281-4	3-6.1	70	4118292-43	3-6	830

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4118292-47	3-6	290	4118824-11	9-1	15
4118292-5	3-6	790	4118824-12	9-1	16
4118292-6	3-6	800	4118824-17	9-1	15
4118292-7	3-6	610	4118824-18	9-1	16
4118292-8	3-6	620	4118850-900	3-1	360
4118294-17	3-6	880	4118892-11	4-1	17
4118294-18	3-6	890	4119315-3	3-2	28
4118294-19	3-6	230	4119315-4	3-2	29
4118294-20	3-6	240	4119316-5	3-2	20
4118294-25	3-6	500	4119316-6	3-2	21
4118294-26	3-6	420	4119316-7	3-2	—
4118294-26	3-6	510	4119316-903	3-2	16
4118308-11	3-6	680	4119319-13	3-2	—
4118308-12	3-6	690	4119319-15	3-2	—
4118308-13	3-6	850	4119319-15	3-2	—
4118308-14	3-6	860	4119319-17	3-2	—
4118309-903	3-6	50	4119319-19	3-2	—
4118309-904	3-6	60	4119319-21	3-2	—
4118310-1	3-6.1	—	4119319-21	3-2	—
4118310-2	3-6.1	—	4119319-3	3-2	—
4118310-5	3-6	10	4119319-3	3-2	—
4118310-6	3-6	20	4119319-5	3-2	—
4118310-905	3-1	250	4119319-5	3-2	—
4118310-905	3-6	—	4119319-7	3-2	—
4118310-906	3-1	—	4119319-7	3-2	—
4118310-906	3-6	—	4119327-1	3-2	—
4118312-21	3-6	70	4119327-13	3-2	—
4118312-22	3-6	80	4119327-14	3-2	—
4118313-1	3-6	430	4119327-3	3-2	5
4118788-13	3-14	—	4119328-13	3-2	—
4118788-15	3-14	—	4119328-14	3-2	—
4118788-17	3-14	—	4119328-15	3-2	—
4118798-5	9-14	61	4119328-16	3-2	—
4118798-7	9-14	65	4119329-1	3-2	—
4118805-11	9-1	17	4119329-3	3-2	3
4118805-12	9-1	18	4119329-4	3-2	4
4118805-13	9-1	19	4119329-5	3-2	5

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4119333-3	5-1	17	4119352-13	3-2	—
4119333-3	5-3	9	4119352-15	3-2	—
4119333-3	5-4	9	4119352-16	3-2	—
4119333-4	5-1	18	4119355-11	3-2	—
4119333-4	5-3	10	4119356-3	3-2	3
4119333-4	5-4	10	4119356-4	3-2	4
4119334-1	3-2	—	4119357-1	3-2	9
4119334-2	3-2	—	4119357-13	3-2	—
4119334-23	3-2	—	4119357-902	3-2	9
4119334-24	3-2	—	4119358-3	3-2	7A
4119334-3	3-2	1	4119358-5	3-2	7A
4119334-4	3-2	2	4119359-13	3-2	—
4119343-11	3-2	—	4119359-13	3-2	—
4119343-13	3-2	—	4119359-13	3-2	—
4119344-3	3-2	—	4119361-13	3-2	30
4119344-901	3-2	6	4119364-13	3-2	—
4119344-903	3-2	8A	4119365-11	3-2	—
4119344-905	3-2	8	4119365-13	3-2	—
4119345-15	3-2	—	4119366-1	3-2	7
4119345-15	3-2	—	4119366-3	3-2	7A
4119345-3	3-2	—	4119368-919	3-2	—
4119345-5	3-2	—	4119500-107	6-1.1	—*
4119345-5	3-2	—	4119518-11	6-1.1	420
4119345-902	3-2	10	4119519-21	5-3	18
4119348-901	3-2	12	4119519-21	5-4	18
4119348-911	3-2	12	4119519-23	6-1.1	450
4119350-902	3-1	240	4119519-25	6-1.1	460
4119351-11	6-3	40	4119519-25	9-5	30
4119351-13	3-2	—	4119519-27	6-1.1	470
4119351-13	3-2	—	4119519-27	9-2	63
4119351-13	3-2	—	4119519-29	6-1.1	480
4119351-15	6-3	40	4119521-1	10-22	12
4119351-15	6-3	41	4119522-15	5-3	19
4119351-17	6-3	41	4119522-15	5-4	19
4119351-19	3-2	—	4119522-16	5-3	19
4119351-19	3-2	—	4119522-16	5-4	19
4119351-19	3-2	—	4119523-1	6-1.1	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4119524-1	6-1.1	132	4119742-11	3-23	270
4119525-101	6-1.1	190	4119742-13	3-23	-310
4119525-103	6-1.1	200	4119742-3	3-18	52
4119525-105	6-1.1	130	4119742-5	3-23	260
4119525-107	6-1.1	150	4119742-7	3-23	300
4119525-109	6-1.1	350	4119743-11	3-17	-
4119525-110	6-1.1	360	4119743-11	3-22	300
4119525-15	6-1.1	390	4119744-1	3-17	31
4119525-19	6-1.1	-	4119745-11	3-17	36
4119525-21	6-1.1	-	4119746-17	3-17	17
4119525-23	6-1.1	40	4119750-5	3-14	-
4119525-25	6-1.1	280	4119750-7	3-14	-
4119525-27	6-1.1	210	4119756-17	3-18	36
4119525-29	6-1.1	220	4119756-17	3-23	360
4119525-3	6-1.1	300	4119756-21	3-18	30
4119525-33	6-1.1	60	4119756-21	3-23	320
4119525-37	6-1.1	20	4119758-21	3-17	23
4119525-41	6-1.1	80	4119758-23	3-17	23
4119525-43	6-1.1	70	4119759-3	3-1	90
4119525-45	6-1.1	50	4119760-3	3-15	2
4119525-47	6-1.1	260	4119760-3	3-16	-
4119525-49	6-1.1	90	4119760-5	3-15	1
4119525-5	6-1.1	380	4119760-5	3-16	-
4119525-51	6-1.1	250	4119760-8	3-22	-
4119525-53	6-1.1	-	4119760-9	3-22	-
4119525-55	6-1.1	-	4119760-903	3-1	20
4119525-57	6-1.1	-	4119760-905	3-1	70
4119525-59	6-1.1	-	4119761-5	3-17	1
4119525-60	6-1.1	-	4119761-5	3-22	190
4119525-61	6-1.1	140	4119761-7	3-17	1
4119525-63	6-1.1	-	4119761-7	3-22	-180
4119525-64	6-1.1	-	4119762-11	3-22	110
4119525-65	6-1.1	160	4119762-13	3-22	120
4119525-66	6-1.1	170	4119762-5	3-16	1
4119525-67	6-1.1	-	4119762-5	3-22	70
4119526-1	6-1.1	10	4119763-23	3-22	80
4119742-1	3-18	51	4119763-25	3-22	100

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4119763-26	3-22	90	4119781-15	3-18	19
4119763-29	3-22	160	4119781-15	3-23	340
4119763-30	3-22	150	4119781-16	3-18	21
4119764-19	3-15	3	4119781-16	3-23	330
4119764-21	3-15	6	4119781-17	3-18	20
4119764-23	3-15	5	4119781-17	3-23	350
4119764-25	3-15	4	4119782-1	3-18	—
4119764-27	3-15	4	4119782-1	3-23	210
4119764-29	3-15	6	4119782-3	3-18	—
4119764-31	3-15	5	4119782-3	3-23	90
4119764-33	3-15	3	4119782-901	3-18	2
4119765-17	3-16	6	4119782-903	3-18	11
4119765-17	3-22	230	4119783-19	3-18	—
4119765-19	3-16	5	4119783-21	3-18	—
4119765-19	3-22	220	4119783-23	3-18	—
4119768-19	3-17	3	4119783-23	3-18	—
4119768-21	3-17	4	4119783-25	3-16	2
4119771-10-GEN	3-22	200	4119783-31	3-18	—
4119775-101	3-18	10	4119783-31	3-18	—
4119775-103	3-1	80	4119784-15	3-17	26
4119775-107	3-23	—	4119785-15	3-17	19
4119775-109	3-23	50	4119785-21	3-17	2
4119775-110	3-23	170	4119786-1	3-18	—
4119775-9	3-18	1	4119786-1	3-23	70
4119779-15	3-22	140	4119786-3	3-18	—
4119780-11	3-18	24	4119786-3	3-23	—190
4119780-19	3-17	11	4119786-901	3-18	—
4119780-23	3-16	14	4119788-15	3-17	21
4119780-23	3-22	360	4119789-19	3-17	6
4119780-25	3-18	27	4119791-13	3-17	29
4119780-25	3-18	38	4119791-15	3-18	7
4119780-25	3-23	420	4119791-15	3-18	16
4119780-29	3-18	35	4119791-15	3-23	140
4119780-29	3-23	500	4119795-1	3-18	—
4119781-11	3-18	19	4119795-1	3-23	540
4119781-12	3-18	21	4119795-3	3-18	—
4119781-13	3-18	20	4119795-901	3-18	53

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4119795-903	3-18	53	4119835-31GRD	3-20	30
4119796-11	3-18	44	4119835-33	11-6	—
4119796-11	3-23	550	4119835-33	11-6	—
4119796-13	3-18	44	4119835-35	11-6	—
4119797-1	3-18	43	4119839-13	3-6.1	50
4119797-1	3-23	580	4119840-11	10-11	5
4119797-13	3-22	130	4119841-5	3-19	—
4119798-1	3-21	—	4119841-5	3-21	110
4119798-1-GEN	3-23	530	4119842-5	3-19	1
4119798-3	3-21	—	4119844-15	3-19	9
4119798-7	3-23	—	4119844-17	3-19	9
4119799-19	3-23	480	4119845-11	3-19	4
4119799-25	3-18	39	4119849-1	3-21	120
4119799-25	3-23	460	4119849-3	3-21	130
4119799-27	3-18	41	4119849-7	3-22	60
4119799-27	3-23	380	4119849-8	3-22	20
4119801-1	3-21	—	4119849-9	3-22	—10
4119801-1	3-23	—	4119849-901	3-16	—
4119801-3	3-21	—	4119849-902	3-16	8
4119801-5	3-21	—	4119849-902	3-17	—
4119804-21	3-21	21	4119849-903	3-16	8
4119804-21	9-14	—	4119849-903	3-17	—
4119804-22	3-21	22	4119855-1	3-19	—
4119804-22	9-14	—	4119855-11	3-19	17
4119804-23	3-21	23	4119855-11	9-14	—
4119804-23	9-14	—	4119858-13	3-19	11
4119804-24	3-21	24	4119861-1	3-21	20
4119804-24	9-14	—	4119862-11	3-18	—
4119812-1	3-21	270	4119862-13	3-18	—
4119812-2	3-21	280	4119863-11	3-16	—
4119835-23	5-12	150	4119865-5	10-35	1
4119835-27	3-20	70	4119865-7	10-35	1
4119835-27	5-11	170	4119870-3	3-21	40
4119835-31	3-20	60	4119870-7	3-21	—
4119835-31	5-12	150	4119871-11-GEN	3-22	30
4119835-31C480	3-20	110	4119871-12-GEN	3-22	40
4119835-31C480B	3-20	110	4119871-3	3-21	50

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4119871-7	3-21	50	4119890-6	10-35	7
4119872-3	3-21	60	4119890-6	11-4	18
4119873-1	3-21	200	4119890-6	11-5	350
4119873-11	10-11	1	4119890-7	10-35	6
4119873-13	10-11	4	4119890-7	11-4	13
4119874-12-GEN	3-22	50	4119891-7	3-21	10
4119878-10-GEN	3-22	170	4119892-11	3-20	140
4119878-11	3-16	—	4119893-3	10-35	3
4119878-12	3-16	—	4119894-15	11-1	40
4119879-11	3-18	—	4119894-17	11-4	9
4119879-11	3-18	—	4119894-17	11-5	60
4119879-13	3-18	—	4119894-19	11-1	41
4119879-13	3-18	—	4119894-21	6-5	9
4119880-11	3-18	—	4119894-23	6-5	8
4119881-5-GEN	3-23	230	4119895-1	11-4	18
4119884-1	3-21	30	4119895-3	11-4	13
4119884-11	3-18	56	4119913-11	3-20	50
4119884-11-GEN	3-23	20	4119914-11	3-20	90
4119884-12	3-18	57	4119917-11	5-11	170
4119884-13	3-18	54	4120011-11	6-1	53
4119884-13-GEN	3-23	30	4120012-13	6-1	96
4119884-15	3-18	55	4120012-15	6-1	97
4119884-15-GEN	3-23	40	4120012-17	6-1	98
4119884-17-GEN	3-23	80	4120012-19	6-1	99
4119884-19	3-18	—	4120012-21	6-1	89
4119884-19-GEN	3-23	—200	4120012-22	6-1	90
4119884-21	3-18	—	4120013-21	6-1	100
4119884-21	3-18	—	4120016-3	6-1	48
4119884-23	3-23	60	4120016-4	6-1	49
4119884-24	3-23	180	4120016-5	6-1	48
4119884-5	3-23	10	4120016-6	6-1	49
4119887-11	10-35	2	4120016-7	6-1	48
4119887-13	10-35	2	4120016-8	6-1	49
4119887-911	10-35	2	4120017-3	6-14	1
4119889-1	3-21	240	4120018-1	6-14	2
4119889-2	3-21	250	4120021-1	6-1	21
4119890-5	11-5	330	4120022-13	6-1	83

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4120025-15	6-4	10	4120509-11	6-3	17
4120026-13	6-4	21	4120509-17	6-3	17
4120026-15	6-4	21	4120509-3	6-3	—
4120027-1	11-2	4	4120510-3	6-3	22
4120027-1	11-2	20	4120510-5	6-3	22
4120027-1	6-4	8	4120510-905	6-3	22
4120028-1	6-1	71	4120511-1	6-4	2
4120029-11	6-1	69	4120513-3	6-4	—
4120029-13	6-1	70	4130514-11	6-3	5
4120030-1	10-20	1	4120515-1	6-3	11
4120030-3	10-20	9	4120515-3	6-3	13
4120030-5	10-20	11	4120515-5	6-4	37
4120031-1	6-1	45	4120515-7	6-4	35
4120032-11	6-1	46	4120516-11	6-3	18
4120032-13	6-1	45	4120516-13	6-3	19
4120033-1	6-1	66	4120517-11	6-1	13
4120033-3	6-1	67	4120517-13	6-1	14
4120034-1	6-1	65	4120517-15	6-4	23
4120035-11	6-1	72	4120517-17	6-4	25
4120036-1	6-4	—	4120521-11	6-3	34
4120038-23	5-5	—	4120525-11	6-3	35
4120038-23	5-5	—	4120525-13	6-3	35
4120038-25	5-5	—	4120525-15	6-3	36
4120040-3	6-13	4	4120532-9	6-3	—
4120040-4	6-13	5	4122005-19	5-2	80
4120040-5	6-13	2	4122005-20	5-2	50
4120040-6	6-13	3	4122005-25	5-2	472
4120045-5	6-13	1	4122005-26	5-2	474
4120045-9	6-13	1	4122005-39	5-2	20
4120046-11	6-1	42	4122005-41	5-2	70
4120046-13	6-1	42	4122005-43	5-2	60
4120046-15	6-1	42	4122005-49	5-2	270
4120046-17	6-1	42	4122009-1	5-3	1
4120500-901	6-3	—	4122009-1	5-4	1
4120506-11	6-3	1	4122009-2	5-3	2
4120507-1	6-3	4	4122009-4	5-4	2
4120509-1	6-3	—	4122014-15	5-6	2

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4122015-11	6-4	13	4122029-15	5-6	40
4122015-15	6-1	78	4122029-3	5-5	24
4122015-17	5-8	14	4122029-3	5-6	30
4122015-19	5-8	17	4122029-7	5-5	34A
4122015-19	5-8	45	4122030-101	5-5	46
4122015-19	5-8	86	4122030-105	5-5	45
4122015-21	11-2	12	4122030-5	5-5	1
4122015-21	11-2	28	4122030-5	5-6	1
4122015-23	11-2	12	4122030-7	5-5	3
4122015-23	11-2	28	4122030-9	5-5	44
4122015-23	6-4	13	4122034-11	5-3	7
4122015-25	5-8	17	4122034-11	5-4	7
4122015-25	5-8	45	4122034-11	5-7	11
4122015-25	5-8	86	4122035-1	5-5	33
4122016-23	5-4	25	4122035-11	5-6	39
4122016-5	5-3	22	4122035-13	5-6	29
4122017-11	5-8	21	4122035-13	5-6	31
4122019-13	5-3	11	4122035-1	5-5	25
4122021-1	5-3	3	4122035-3	5-5	23
4122021-1	5-4	3	4122035-5	5-5	12
4122022-11	5-3	4	4122036-3	5-12	130
4122022-11	5-4	4	4122036-5	5-9	12
4122024-17	5-8	34	4122036-7	5-12	130
4122024-17	5-8	75	4122036-7	5-9	12
4122024-5	5-8	8	4122037-11	5-5	28
4122025-3	5-5	19	4122037-11	5-6	34
4122025-3	5-6	25	4122037-12	5-5	27
4122026-3	5-12	220	4122037-12	5-6	33
4122026-5	5-12	350	4122037-13	5-5	28
4122026-7	5-8	26	4122037-13	5-6	34
4122026-7	5-8	67	4122037-14	5-5	27
4122026-7	5-8	94	4122037-14	5-6	33
4122026-9	5-5	29A	4122038-11	5-2	320
4122028-3	5-5	38	4122038-13	5-2	330
4122029-1	5-5	32	4122038-15	5-2	340
4122029-1	5-6	38	4122038-17	5-2	350
4122029-15	5-5	34	4122040-11	6-1	62

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4122041-3	5-3	8	4122052-10	5-1	—
4122041-3	5-4	8	4122052-101	5-1	—
4122042-1	6-1	59	4122052-102	5-1	—
4122042-101	6-1	58	4122052-103	5-1	—
4122042-3	6-1	58	4122052-104	5-1	—
4122042-5	6-1	37	4122052-2	5-1	—
4122042-9	6-1	59	4122052-3	5-1	—
4122043-11	6-1	34	4122052-4	5-1	—
4122043-11	7-1.1	121	4122052-5	5-1	—
4122044-1	5-2	200	4122052-6	5-1	—
4122044-2	5-2	160	4122052-7	5-1	—
4122045-1	7-7	10	4122052-8	5-1	—
4122047-17	5-2	580	4122053-13	5-1	4
4122047-17	5-2	650	4122053-17	5-7	1
4122047-18	5-2	590	4122053-19	5-7	1
4122047-19	5-2	560	4122054-3	5-1	—
4122047-19	5-2	680	4122054-903	5-1	1
4122047-20	5-2	570	4122054-904	5-1	2
4122048-1	5-4	20	4122054-906	5-1	—
4122048-3	5-1	12	4122055-3	5-7	5
4122049-13	5-8	4	4122056-11	5-7	3
4122049-13	5-8	30	4122057-1	5-1	7
4122049-19	5-8	4	4122057-2	5-1	8
4122049-19	5-8	30	4122057-3	5-1	7
4122049-19	5-8	71	4122057-3	5-7	—
4122049-3	5-8	1	4122057-4	5-1	8
4122049-3	5-8	27	4122057-4	5-7	—
4122049-5	5-8	1	4122058-901	5-1	—
4122049-5	5-8	27	4122058-902	5-1	—
4122049-5	5-8	68	4122059-3	5-5	9
4122050-7	5-11	—	4122060-1	5-7	4
4122051-101	5-11	250	4122061-5	3-1	280
4122051-101	5-8	—	4122061-5	5-2	—
4122051-5	5-8	—	4122062-11	5-2	380
4122051-7	5-8	—	4122062-13	5-2	390
4122051-9	5-8	—	4122064-3	5-9	1
4122052-1	5-1	—	4122065-15	5-1	25

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4122065-17	5-4	31	4122083-1	5-8	62
4122065-19	5-4	29	4122083-17	5-8	60
4122065-21	5-1	16	4122083-19	5-8	63
4122065-23	5-1	24	4122083-21	5-8	—
4122065-23	5-4	11	4122083-3	5-8	64
4122065-23	5-4	30	4122084-1	5-1	30
4122065-25	5-1	21	4122084-13	5-1	33
4122065-27	5-1	10	4122085-13	5-2	610
4122065-33	5-1	27	4122085-13	5-2	740
4122065-35	5-1	34	4122085-14	5-2	620
4122068-11	5-4	24	4122085-15	5-2	630
4122069-11	5-4	33	4122085-16	5-2	640
4122070-1	5-7	7	4122085-21	5-2	660
4122071-1	5-1	26	4122085-22	5-2	670
4122071-13	5-1	—	4122085-24	5-2	620
4122071-13	5-3	—	4122086-11	5-2	10
4122071-13	5-4	—	4122086-12	5-2	40
4122074-11	5-1	22A	4122087-11	5-8	42
4122074-903	5-3	12	4122087-11	5-8	83
4122074-903	5-4	12	4122088-1	5-1	14
4122074-905	5-1	22	4122088-3	5-1	14
4122078-1	5-8	36	4122088-5	5-1	14
4122078-3	5-8	77	4129054-1	6-9	21
4122078-5	5-8	77	4129054-105	6-1	5
4122080-11	5-8	43	4129054-11	6-9	21
4122080-11	5-8	84	4129054-13	5-3	6
4122080-13	5-8	49	4129054-13	5-4	6
4122080-17	5-8	32	4129054-13	5-7	12
4122080-17	5-8	73	4129054-13	6-1	43
4122080-19	5-8	79	4129054-13	6-9	15
4122081-1	5-8	39	4129054-17	6-9	17
4122081-1	5-8	80	4129054-19	6-9	19
4122081-15	5-8	80	4129054-25	5-3	6
4122081-3	5-8	46	4129054-25	5-4	6
4122081-5	5-8	80	4129054-25	6-9	15
4122082-11	5-8	37	4129054-27	5-12	330
4122082-11	5-8	78	4129054-29	6-9	15

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4129054-3	5-7	12	4129108-11	6-11	2
4129054-3	6-1	43	4129108-13	6-12	3
4129054-3	6-9	15	4129108-15	6-11	3
4129054-31	6-9	17	4129111-1	6-11	11
4129054-33	6-9	19	4129111-3	6-12	13
4129054-35	6-9	21	4129112-1	6-9	26
4129054-37	6-1	3	4129112-11	6-9	26
4129054-39	5-3	6	4129113-1	6-11	23
4129054-39	5-4	6	4129113-1	6-12	25
4129054-39	6-1	5	4129113-3	6-12	25
4129054-41	5-7	12	4129113-7	6-12	25
4129054-41	6-1	43	4129116-1	6-12	4
4129054-43	5-12	330	4129117-11	6-10	15
4129054-45	6-1	1	4129117-13	6-10	15
4129054-5	6-1	3	4129117-15	6-10	15
4129054-7	6-1	1	4129117-17	6-10	15
4129054-7	6-9	17	4129117-19	6-10	15
4129054-9	6-9	19	4129117-21	6-10	15
4129100-11	6-9	9	4129118-15	6-12	16
4129100-9	6-9	—	4129119-11	6-10	11
4129100-902	6-9	—	4129120-1	6-11	20
4129101-101	6-10	—	4129120-1	6-12	22
4129101-103	6-10	—	4129120-13	6-11	17
4129101-105	6-10	—	4129120-13	6-12	19
4129101-5	6-10	1	4129121-1	6-11	16
4129101-7	6-10	1	4129121-1	6-12	18
4129101-9	6-10	—	4129124-11	6-9	40
4129101-905	6-10	—	4129125-11	6-11	15
4129101-907	6-10	—	4129125-11	6-12	17
4129102-105	6-10	21	4129125-15	6-11	9
4129102-107	6-10	21	4129125-15	6-12	11
4129102-13	6-10	21	4129125-17	6-11	10
4129102-15	6-10	21	4129125-17	6-12	12
4129103-11	6-10	8	4129126-13	6-10	2
4129104-21	6-10	18	4129126-15	6-10	2
4129107-13	6-11	1	4129129-1	6-10	1
4129107-13	6-12	1	4129129-3	6-10	1

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4129129-5	6-10	1	4129541-1	11-2	1
4129136-11	6-9	53	4129542-1	11-2	17
4129136-13	6-9	54	4129543-1	11-3	8
4129136-15	6-9	55	4129543-3	11-3	8
4129500-29	11-4	10	4129548-11	11-4	15
4129501-901	11-1	34	4129548-13	11-4	16
4129501-901	11-2	—	4129548-15	11-5	10
4129501-902	11-1	36	4129548-17	11-5	20
4129501-902	11-2	—	4129548-3	11-5	—
4129518-1	6-1	15	4129548-5	11-5	—
4129522-13	11-5	180	4129549-11	6-5	15
4129522-17	11-5	160	4129550-11	11-1	21
4129523-21	11-5	130	4129551-11	11-1	20
4129523-21	6-1.1	—	4129552-1	11-1	13
4129524-11	11-4	4	4129553-1	11-1	6
4129524-11	11-5	240	4129554-1	11-1	2
4129530-1	11-4	1	4129555-1	11-1	9
4129530-1	11-5	120	4129556-1	11-1	8
4129530-3	11-5	—120A	4129557-11	11-3	6
4129533-11	11-5	50	4129557-13	11-3	5
4129533-11	6-5	7	4129558-11	11-1	26
4129533-13	11-5	70	4129559-1	11-1	14
4129533-13	6-5	11	4129559-1	11-3	—
4129533-15	11-5	—	4129560-1	11-1	33
4129533-15	6-5	10	4129560-3	11-1	35
4129534-11	11-5	—	4129560-5	11-4	8
4129534-11	6-5	1	4129560-5	11-5	30
4129535-11	6-5	4	4129560-7	6-4	29
4129535-13	6-5	3	4129560-7	6-5	17
4129538-15	6-5	2	4129560-9	6-1	77
4129538-17	6-5	2	4129560-9	6-5	18
4129540-11	11-2	9	4129561-11	11-1	44
4129540-11	11-2	25	4129562-3	11-1	43
4129540-13	11-2	9	4129563-11	11-1	45
4129540-13	11-2	25	4130008-1	7-8.2	20
4129540-15	11-2	9	4130008-10	7-8.2	50
4129540-15	11-2	25	4130008-2	7-8.2	30

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4130008-20	7-8.2	55	4130035-13	7-9	—
4130008-3	7-8.2	40	4130036-5	7-9	10
4130015-1	7-8	11	4130038-11	7-9	8
4130015-1	7-8.1	8	4130039-1	7-9	10
4130015-3	7-8	11	4130040-1	7-9	—
4130015-3	7-8.1	8	4130040-5	7-9	—
4130020-1	7-8	—	4130040-7	7-9	—
4130020-101	7-8	—	4130040-9	7-9	—
4130020-103	7-8	—	4130046-11	7-6.1	9
4130020-3	7-6	—	4130052-11	7-8	26
4130020-5	7-6	—	4130052-13	7-8	26
4130020-7	7-8	—	4130052-13	7-8.1	23
4130020-9	7-6	—	4130060-101	7-8.1	—
4130021-15	7-8	19	4130060-103	7-8	—
4130021-21	7-8	18	4130060-105	7-8.1	—
4130021-23	7-8	19	4130060-107	7-8	—
4130021-23	7-8.1	16	4130060-109	7-8.1	—
4130021-25	7-8	18	4130060-111	7-6	—
4130021-25	7-8.1	15	4130060-113	7-6	—
4130030-1	7-8	—	4130060-115	7-8.1	—
4130030-3	7-6	—	4130060-3	7-8	—
4130031-1	7-9	20	4130060-5	7-6.1	—
4130032-1	7-9	19	4130060-7	7-6.1	—
4130032-3	7-9	17	4130060-9	7-8.1	—
4130032-5	7-9	17	4130402-11	7-7	5
4130032-7	7-9	29	4130402-13	7-7	5
4130032-9	7-9	17	4130500-101	7-4	—
4130033-1	7-9	8	4130500-105	7-5	1
4130033-17	7-9	—	4130500-106	7-5	1A
4130034-11	7-9	2	4130500-111	7-5	—
4130034-13	7-9	3	4130500-5	7-4	—
4130034-15	7-9	2	4130500-7	7-4	1
4130034-17	7-9	2	4130500-901	7-4	—
4130034-19	7-9	2	4130500-909	7-5	—
4130034-21	7-9	3	4130500-911	7-5	—
4130035-1	7-9	12	4130500-990	7-5	—
4130035-11	7-9	14	4130500-991	7-5	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4130501-11	7-6	7	4130520-13	7-5	28
4130501-11	7-6.1	6	4130521-11	7-3	32
4130503-1	7-3	—	4130521-11	7-4	27
4130503-11	7-3	12	4130521-11	7-5	30
4130504-13	7-4	21	4130521-13	7-3	32
4130504-13	7-5	24	4130521-13	7-4	27
4130505-4	7-11	23	4130521-13	7-5	30
4130505-4	7-8	34	4130521-15	7-3	32
4130505-8	7-10	2	4130521-15	7-4	27
4130505-8	7-10	4	4130521-15	7-5	30
4130506-15	7-4	16	4130521-17	7-3	32
4130506-15	7-5	19	4130521-17	7-4	27
4130507-13	7-3	5	4130521-17	7-5	30
4130507-19	7-3	6	4130521-19	7-3	32
4130508-13	7-4	10	4130521-19	7-4	27
4130508-13	7-5	13	4130521-19	7-5	30
4130509-1	7-4	2	4130521-21	7-3	32
4130510-15	7-5	15	4130521-21	7-4	27
4130510-17	7-4	12	4130521-21	7-5	30
4130510-17	7-5	15	4130521-23	7-3	32
4130510-19	7-4	12	4130521-23	7-4	27
4130510-19	7-5	15	4130521-23	7-5	30
4130511-3	7-6	19	4130521-25	7-3	32
4130511-3	7-6.1	18	4130521-25	7-4	27
4130512-13	7-4	13	4130521-25	7-5	30
4130512-17	7-5	16	4130521-9	7-3	32
4130513-13	7-4	11	4130521-9	7-4	27
4130513-13	7-5	14	4130521-9	7-5	30
4130514-15	7-6	1	4130524-13	7-4	15
4130514-17	7-6	1	4130524-13	7-5	18
4130516-17	7-4	17	4130525-1	7-3	1
4130516-17	7-5	20	4130525-11	7-3	1
4130517-13	7-4	14	4130529-13	7-3	24
4130517-13	7-5	17	4130529-15	7-3	20
4130518-1	7-3	4	4130529-17	7-3	26
4130520-11	7-3	30	4130529-19	7-3	25
4130520-13	7-4	25	4130529-21	7-3	23

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4130529-25	7-3	21	4131005-25	7-1	19
4130530-11	7-6	18	4131005-27	7-1	20
4130530-11	7-6.1	17	4131005-29	7-1	20
4130531-1	7-3	7	4131005-31	7-1	24
4130533-1	7-8.1	31	4131005-31	7-1	28
4130533-15	7-8.1	32	4131005-35	7-1	4
4130537-1	7-5	2A	4131005-35	7-1.1	14
4130537-2	7-5	2	4131005-37	7-1	4
4130538-11	7-6	1	4131005-37	7-1.1	15
4130538-11	7-6.1	1	4131005-39	7-2	6
4130541-11	6-10	3	4131005-39	7-2	6
4130541-11	7-4	18	4131005-41	7-2	6
4130541-11	7-5	21	4131005-41	7-2	6
4130541-13	6-10	3	4131006-25	7-1	3
4130541-13	7-4	18	4131006-25	7-1.1	11
4130541-13	7-5	21	4131006-31	7-1	3
4130541-15	6-10	3	4131006-33	7-1	3
4130541-17	6-10	3	4131006-35	7-1	3
4131001-103	7-2	—	4131006-37	7-1	3
4131001-105	7-1	1	4131006-45	7-1	3
4131001-111	7-2	—	4131007-15	7-2	3
4131001-113	7-2	—	4131007-15	7-2	3
4131001-115	7-2	—	4131007-17	7-2	3
4131001-129	7-1	3	4131007-19	7-2	3
4131001-129	7-1.1	10	4131008-15	7-1	9
4131001-131	7-1	1	4131009-13	7-1	27
4131002-15	7-1	22	4131010-13	7-2	11
4131003-21	7-2	1	4131020-5	7-1.1	—
4131003-23	7-2	1	4131020-7	7-1.1	—
4131004-15	7-1	26	4131021-15	7-1.1	50
4131005-11	7-2	2	4131021-17	7-1.1	80
4131005-13	7-1	24	4131022-5	7-1.1	70
4131005-13	7-1	28	4131022-7	7-1.1	40
4131005-15	7-1	24	4131023-5	7-1.1	150
4131005-15	7-1	28	4131024-11	7-1.1	30
4131005-17	7-1	24	4131024-11	7-1.1	130
4131005-17	7-1	28	4132000-9	9-15	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4132008-5	9-14	13	4143012-21	8-2	22
4132014-15	9-14	22	4143012-31	8-2	23
4132014-19	9-14	21	4143012-35	8-2	20
4132014-23	9-14	23	4143012-5	8-2	20
4133-0044	6-1	50	4143012-7	8-2	20
4136000-902	7-10	3	4143012-9	8-2	22
4136000-903	7-10	1	4143013-17	8-2	19
4136000-907	7-10	1	4150003-15	9-14	52
4136000-913	7-10	5	4150004-1	9-14	49
4136002-15	7-10	9	4150004-2	9-14	50
4140500-101	9-12	—	4150004-3	9-14	70
4140500-7	9-13	—	4150004-4	9-14	71
4140500-9	9-12	—	4150006-3	9-14	47
4140500-909	9-12	—	4150006-6	9-14	48
4140500-911	9-12	—	4150008-1	9-14	1
4140520-5	9-11	—	4150008-5	9-14	2
4140525-11	9-11	—	4150011-3	9-14	56
4140526-3	9-11	2	4150011-4	9-14	58
4140526-7	9-11	2	4150013-3	9-14	55
4140530-1	9-12	3	4150013-4	9-14	57
4140531-13	9-11	1	4150017-11	9-14	51
4140532-1	9-12	29	4150018-1	9-14	68
4140532-3	9-12	29	4150018-101	9-14	68
4140532-5	9-12	29	4150018-6	9-14	75
4140534-11	9-11	5	4150018-7	9-14	72
4140535-13	9-11	7	4150018-8	9-14	69
4142005-15	7-6	—	4150018-9	9-14	74
4142008-11	7-8	15	416-13	6-9	—
4142008-11	7-8.1	12	4164	10-16	4
4142010-1	7-6.1	2	4164	10-17	13
4142010-11	7-6	2	4164002-1	6-6	14
4142010-11	7-6	2	4164004-11	6-6	—
4142010-11	7-6	2	4164004-11	9-6	34
4143010-5	8-3	47	4164004-11	9-7.1	27
4143011-11	8-2	41	4164004-13	6-6	8
4143011-13	8-2	44	4164006-11	6-7.2	20
4143012-101	8-2	22	4164006-11	9-4	29

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4164012-5	6-6	24	4166015-21	9-1	4
4164014-103	6-8	2	4166015-21	9-1	4
4164014-17	6-8	13	4166015-21	9-1	4
4164014-29	6-8	11	4166015-23	9-1	5
4164014-43	9-5	27	4166015-23	9-1	5
4164015-1	6-8	—	4166022-905	9-1	26
4164015-901	6-8	—	4166024-101	9-2	45
4164015-902	6-8	1	4166024-101	9-2	55
4164017-3	9-4	16	4166024-103	9-2	40
4166008-101	9-2	12	4166024-103	9-2	50
4166008-19	9-2	29	4166024-11	9-2	—
4166008-21	9-2	9	4166024-13	9-2	—
4166008-23	9-2	12	4166024-19	9-2	41
4166008-25	9-2	25	4166024-19	9-2	51
4166008-27	9-2	28	4166024-23	9-2	—
4166008-29	9-2	24	4166024-23	9-2	—
4166009-101	9-1	1	4166024-37	9-2	—
4166009-3	9-1	1	4166024-37	9-2	—
4166009-5	9-1	1	4166024-5	9-2	49
4166009-7	9-1	1	4166024-7	9-2	39
4166009-9	9-1	1	4166031-101	9-2	34
4166010-1	9-1	—	4166031-101	9-3	—
4166010-3	9-1	—	4166031-102	9-2	35
4166010-7	9-1	—	4166031-102	9-3	—
4166010-7	9-1	—	4166031-106	9-3	—
4166011-1	9-2	11	4166031-107	9-3	—
4166014-1	9-1	10	4166031-108	9-3	—
4166014-3	9-1	10	4166031-11	9-3	38
4166014-3	9-1	10	4166032-1	9-3	—
4166014-5	9-1	10	4166032-2	9-3	—
4166015-11	9-1	2	4166032-3	9-3	—
4166015-11	9-1	2	4166032-5	9-3	—
4166015-13	9-1	5	4166034-3	9-3	18
4166015-15	9-1	5	4166036-47	9-14	—
4166015-17	9-1	2	4166037-1	9-14	8
4166015-17	9-1	2	4166038-11	9-14	—
4166015-19	9-1	6	4166050-1	9-2	32

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4166050-101	9-2	17	4167230-1	9-4	10
4166050-103	9-2	16	4167231-13	9-4	28
4166050-105	9-2	26	4167232-13	9-4	18
4166050-107	9-2	18	4167233-13	9-4	19
4166050-109	9-2	19	4167241-11	9-6	9
4166050-201	9-5	1	4167241-11	9-7	9
4166050-205	9-5	22	4167241-11	9-7.1	—
4166050-207	9-14	3	4167241-11	9-7.2	—
4166050-209	9-5	17	4167242-11	9-4	8
4166050-211	9-2	33	4167276-1	9-9	13
4166050-213	9-2	32	4167276-27	9-9	12
4166050-5	9-2	15	4167286-11	9-9	14
4166050-7	9-2	14	4167287-11	9-9	5
4166050-9	9-2	27	4167290-1	9-9	18
4166050-901	9-5	—	4167291-13	9-9	4
4166050-903	9-2	16	4167292-11	9-9	3
4166050-907	9-2	14	4167292-13	9-9	2
4166051-15	9-1	14	4167310-3	9-8	—
4166051-20	9-1	14	4167311-11	9-5	11
4166051-25	9-1	14	4167313-1	9-5	14
4166051-30	9-1	14	4167313-3	9-5	14
4166052-11	9-2	62	4167314-1	9-8	5
4166052-13	9-5	29	4167315-3	9-8	33
4166053-11	9-3	—	4167316-3	9-12	18
4166053-13	9-3	—	4167316-5	9-12	18
4166053-15	9-1	11	4167317-13	9-12	22
4166053-15	9-1	11	4167318-11	9-12	25
4166053-15	9-1	11	4167319-1	9-8	8
4166053-15	9-3	—	4167320-11	9-8	13
4167001	9-5	—	4167320-13	9-8	3
4167211-15	9-4	14	4167321-101	9-7.2	25
4167213-19	9-4	2	4167321-103	9-7.1	25
4167213-21	9-4	4	4167321-105	9-7.2	25
4167225-11	9-4	1	4167321-5	9-6	4
4167226-3	9-7	—	4167321-7	9-7	4
4167227-7	9-4	—	4167321-9	9-7	4
4167229-11	9-4	11	4167322-17	9-6	5

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4167322-17	9-7	5	4167325-15	9-6	17
4167322-19	9-6	3	4167325-15	9-7	17
4167322-19	9-7	3	4167325-17	9-6	15
4167322-21	9-6	1	4167325-17	9-7	15
4167322-21	9-7	1	4167325-19	9-6	17
4167322-23	9-6	2	4167325-21	9-7.1	11
4167322-23	9-7	2	4167325-21	9-7.2	11
4167322-5	9-7.1	1	4167326-7	9-7	–
4167322-5	9-7.2	1	4167326-9	9-6	–
4167323-11	9-6	11	4167327-11	9-6	26
4167323-11	9-7	11	4167327-13	9-6	24
4167323-11	9-7.1	4	4167327-15	9-7	22
4167323-11	9-7.2	4	4167327-17	9-7	20
4167323-13	9-6	12	4167327-19	9-7.1	21
4167323-13	9-7	12	4167327-19	9-7.1	36
4167323-13	9-7.1	3	4167327-19	9-7.2	21
4167323-13	9-7.2	3	4167327-19	9-7.2	29
4167323-15	9-6	7	4167328-1	9-6	31
4167323-15	9-7	7	4167328-1	9-7	25
4167323-15	9-7.1	7	4167328-11	9-7	21
4167323-15	9-7.2	7	4167328-3	9-7.1	22
4167323-17	9-6	10	4167328-3	9-7.2	22
4167323-17	9-7	10	4167333-13	9-12	–
4167323-17	9-7.1	5	4167338-11	9-7.1	33
4167323-17	9-7.2	5	4167338-11	9-7.2	26
4167323-19	9-6	14	4167340-1	9-7.2	–
4167323-19	9-7	14	4167340-3	9-7.1	–
4167323-19	9-7.1	6	4167340-5	9-7.2	–
4167323-19	9-7.2	6	4167360-17	6-6	22
4167324-15	9-4	26	4167370-1	6-7.1	–
4167324-17	9-6	25	4167370-3	6-7.1	9
4167324-21	9-6	22	4167370-7	6-7.1	–
4167324-25	9-6	21	4167371-1	6-7.2	7
4167324-27	9-7.1	9	4167371-17	6-7.2	2
4167324-27	9-7.2	9	4167371-19	6-7.1	4
4167324-29	9-7.1	17	4167371-19	6-7.2	13
4167324-29	9-7.2	17	4167371-21	6-7.2	9

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4167371-25	6-7.2	12	4174001-103	4-2	4
4167371-3	6-7.2	3	4174001-104	4-2	4
4167371-31	6-7.2	11	4174001-105	4-2	3
4167371-31	6-7.2	17	4174001-107	4-2	3
4167371-33	6-7	12	4174002-7	4-1	1
4167371-37	6-7.2	2	4174002-9	4-1	19
4167372-1	6-7	3	4174003-1	4-2	1
4167372-1	6-7	8	4174003-3	4-2	1
4167373-1	6-7.1	13	4174004-1	4-2	—
4167373-1	6-7.2	22	4174004-3	4-2	—
4167374-11	6-7.1	1	4174007-5	4-2	6
4167511-5	9-1	38	4174007-7	4-2	7
4167521-19	3-21	320	4174007-8	4-2	7
4167521-19	9-1	40	4174008-11	4-2	—
4167521-21	3-21	300	4174008-11	4-2	—
4167521-21	9-1	37	4174008-15	4-2	—
4168000-11	9-14	42	4174008-17	4-2	—
4168001-1	9-14	—	4174009-13	4-2	5
4168001-11	9-14	76	4174012-11	4-2	15
4168001-5	9-14	—	4174012-13	4-2	16
4168001-7	9-14	—	4174013-903	4-1	6
4168001-9	9-14	—	4174013-903	4-1	25
4168002-11	9-14	42	4174014-11	4-1	2
4168002-13	9-14	42A	4174014-11	4-1	20
4172000-101	3-10	—	4174015-11	4-4	26
4172000-101	3-9	1	4174016-101	4-4	17
4172000-5	3-11	1	4174016-7	4-4	17
4172000-7	3-11	2	4174018-1	3-1	60
4172000-9	3-11	—	4174019-1	4-5	5
4172000-9	3-9	1	4174019-101	4-5	9
4172001-1	3-10	1	4174019-102	4-5	4
4172001-3	3-10	2	4174019-104	4-5	10
4172001-5	3-10	1	4174019-12	4-5	—
4174000-7	3-1	50	4174019-13	4-5	—
4174000-9	3-1	40	4174019-14	4-5	—
4174001-101	4-2	2	4174019-17	4-5	—
4174001-102	4-2	2	4174019-18	4-5	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4174019-19	4-5	—	4182142-1	6-5	—
4174019-2	4-5	6	4182310-13	10-33	1
4174019-20	4-5	—	4182310-15	10-33	2
4174019-21	4-5	—	4182310-17	10-33	—
4174019-22	4-5	—	4182310-19	10-33	—
4174019-3	4-5	7	4182310-21	10-33	1
4174019-4	4-5	8	4192083-1	10-18	21
4174019-7	4-5	1	4192083-15	10-18	22
4174019-8	4-5	2	4192083-15	10-19	5
4174019-9	4-5	3	4192083-19	10-21	1
4174020-11	4-5	—	4192083-9	10-18	20
4174020-11	4-5	—	4192102-4	10-16	20
4174020-13	4-5	—	4192102-903	10-16	20
4174020-13	4-5	—	4192507-103	10-37	70
4174020-13	4-5	—	4192508-939	7-9	10
4174020-13	4-5	—	4192509-3	5-12	190
4174020-15	4-4	31	4192509-901	7-8	30
4174021-11	4-5	16	4192509-901	7-8.1	27
4174021-12	4-5	17	4192514-37	10-24.2	1
4174022-11	4-5	11	4192514-67	10-24.1	15
4174022-12	4-5	12	4192514-69	10-24.1	12
4174024-11	4-5	21	4192514-71	6-7.3	40
4174027-11	4-4	27	4192514-998	10-26	—
4174032-11	4-6	1	4192570-1	10-36	9
4174032-12	4-6	1	4193003-1	10-25	1
4174033-1	4-6	8	4193003-3	10-25	2
4174033-17	4-6	11	4193003-5	10-25	1
4174033-2	4-6	8	4193003-5	10-26	1
4174034-11	4-5	25	4193003-7	10-25	2
4174501-4	4-3	1	4193003-7	10-26	2
4174501-4	4-4	—	4196518-19	11-1	48
4174501-5	4-3	1	4196529-3	3-21	220
4174501-5	4-4	—	4196536-1	10-33	12
4174501-901	4-4	16	4196536-25	10-33	18
4174501-904	4-4	—	4196536-5	10-33	12
4174501-905	4-4	—	4196540-11	10-14	8
4182127-5	3-1	260	4196540-11	10-14	12

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4196550-1	10-14	4	4196579-31	10-15	—
4196550-17	10-14	—	4196579-37	10-12	—
4196551-1	10-12	17	4196579-37	10-13	—
4196551-1	10-13	24	4196579-7	10-12	13
4196551-3	10-12	17	4196579-9	10-13	17
4196551-3	10-13	24	4196580-1	10-14	2
4196555-101	10-16	11	4196580-1	10-15	5
4196555-5	10-16	11	4196595-11	10-19	4
4196555-7	10-16	11	4196597-1	10-12	9
4196555-9	10-16	11	4196597-1	10-13	13
4196556-13	10-23	4	4196600-11	10-4	23
4196557-1	3-21	—	4196652-101	10-18	22
4196558-5	10-18	29	4196652-101	10-19	5
4196562-11	10-1	14	4196652-3	10-18	20
4196562-11	10-2	14	4196652-7	10-21	1
4196562-11	10-3	14	4199003-101	10-33	18
4196562-11	10-4	14	4199003-103	10-33	—
4196569-1	10-14	3	4199003-11	10-33	—
4196569-1	10-15	6	4199005-901	10-29	—
4196578-1	10-12	1	4199006-5	10-36	7
4196578-15	10-13	1	4199008-7	9-1	24
4196578-17	10-13	—	4199008-8	9-1	23
4196578-19	10-13	—	4199011-3	9-4	24
4196578-21	10-13	—	4199011-3	9-7	—
4196578-3	10-13	—	4199017-1	10-24.1	—
4196578-5	10-13	—	4199019-11	10-27	9
4196579-1	10-13	17	4199019-13	10-27	11
4196579-101	10-12	13	4199019-15	10-27	1
4196579-19	10-12	—	4199019-17	10-27	2
4196579-19	10-13	—	4199019-19	10-27	3
4196579-21	10-13	2	4199019-21	10-27	12
4196579-23	10-13	6	4199041-1	10-33	3
4196579-25	10-13	7	4199041-13	10-33	5
4196579-27	10-13	10	4199042-11	10-17	12
4196579-29	10-13	9	4199042-13	10-17	12
4196579-31	10-13	8	4199042-27	10-17	26
4196579-31	10-14	—	4199045-103	9-1	23

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4199045-105	9-1	25	4200000-103	3-8	10
4199045-109	9-1	23	4200000-104	3-8	11
4199045-111	9-1	25	4200000-9	3-8	—
4199045-131	9-1	23	4200002-11	3-8	5
4199045-133	9-1	25	4200008-11	3-8	20
4199046-1	9-4	25	4200009-11	3-8	7
4199046-1	9-7	—	4200009-13	3-8	6
4199046-3	9-4	23	4200011-7	3-8	19
4199046-3	9-6	—	4200017-1	10-30	8
4199046-3-R	9-6	—	4200017-1	3-8	30
4199046-R	9-4	23	4200017-2	10-30	8
4199049-1	3-21	—	4200017-2	3-8	31
4199052-11	10-16	7	4212101-101	10-29	—
4199057-1	6-2	1	4212101-5	10-29	—
4199057-13	6-2	4	4212101-7	10-29	—
4199057-15	6-2	4	4212101-9	10-29	—
4199057-3	6-2	1	4212102-11	10-29	50
4199059-1	10-16	20	4212103-19	10-28	12
4199059-3	10-16	20	4212103-21	10-28	8
4199067-1	3-21	150	4212103-21	10-29	160
4199067-101	3-21	190	4212103-23	10-29	200
4199067-3	3-21	160	4212103-25	10-29	20
4199067-5	3-21	170	4212103-27	10-29	230
4199067-7	3-21	180	4212103-29	10-29	30
4199067-9	3-21	185	4212103-31	10-29	20
4199070-1	10-24.2	—	4212103-33	10-29	30
4199072-11	9-4	33	4212103-35	10-29	30
4199072-13	10-23	12	4212103-5	10-28	1
4199072-13	9-4	34	4212103-5	10-29	—
4199080-901	9-4	25	4212103-7	10-29	—
4199080-901	9-7.2	—	4212104-11	10-28	15
4199080-903	9-4	23	4212104-13	10-29	80
4199080-903	9-7.1	—	4220035-1	5-12	—
4199082-11	10-33	6	4220037	6-3	—
4200000-()	3-8	43	4220037-1	6-3	63
4200000-10	3-8	—	4220037-15	6-3	—
4200000-101	3-8	—	4220037-2	6-3	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4220037-3	6-3	58	428-3-VG	9-14	38
4220037-5	6-3	49	428-3-VG	App A	—
4220039-1	5-12	10	4-3 F5OX-SS	6-1	9
4220039-3	5-12	20	43-13-1-24	3-13	—
4220043-3	3-5	—	43-13-1-24	3-13	—
4220044-13	3-5	30	43-13-1-24	3-13	—
4220044-21	3-5	50	43-13-1-24	3-13	—
4220044-22	3-5	60	436-19	6-9	2
4220125-19	3-19	—	439SS-4-2-6	5-10	7
4220132-1	4-2	6	439SS-4-8-2-6	5-11	70
4220132-1	4-2	7	439-SS4-8-2-6	10-38	20
4220143-1	10-37	50	444-4-2-6	5-11	20
4220150-1	3-2	—	444-4-2-6	5-5	35
4220150-2	3-2	—	444-4-2-6	5-6	41
4220150-3	3-2	1	4508-1	10-33	13
4220150-4	3-2	2	4508-1	11-5	—
4220150-5	3-2	1	4508-1	6-11	27
4220150-6	3-2	2	4508-1	6-12	29
4220152-11	3-6.2	—20	4508-1	6-3	—
4220152-12	3-6.2	20	4508-1	6-3	—
4220152-13	3-6.2	—30	4508-1	6-3	—
4220152-14	3-6.2	30	4508-75	3-2	—
4220153-1	3-6.2	—	4516-1	3-2	—
4220171-1	11-6	10	4516-75	11-4	2
4220521-1	10-38	10	4516-75	3-2	—
4220521-3	10-39	10	4516-75	3-3	21
4220627-3	3-21	—	4516-75	6-3	—
4230001-1	7-1	—	4596	10-28	5
4230005-11	3-19	2	4604-12-12-0	6-1	46
4230005-13	3-19	13	464	11-6	140
4230012-1	10-4	—	4-8 F5OX-S	7-9	11
4230019-1	10-19	—	4910-50	3-4	250
4230036-1	7-9	—	4910-50	6-3	—
4230042-1	3-21	—	4941	3-3	23
4230070-1	10-23.1	—	4941	6-2	7
4230070-3	10-23.1	—	4F5BX-SS	6-1	7
428-3VG	App A	—	4F650X-S	5-12	100

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
4R6BX-SS	10-20	10	58390	10-23	2
5/16 Harper	6-13	7	5934PD-3-A.253	10-1	3
5/16 Harper	9-13	19	5934PD-3-A.253	10-2	3
500130	5-6	5	5934PD-3-A.253	10-3	3
500150	5-6	10	5934PD-3-A.253	10-4	3
5008-75	9-6	23	6 X1/2	4-5	18
5-01-090701 Rev A	3-18	29	601-6	3-16	3
5-01-090701REV A	3-23	250	601-6	3-22	260
5-01-095701 Rev A	3-18	28	601985-2	10-18	—
5-01-095701REV A	3-23	240	601985-2	10-18	—
502	9-1	27	601985-2	10-19	—
5045	8-3	20	603817-4	10-18	—
506	10-28	—	603817-4	10-18	—
506	10-29	—	603817-4	10-19	—
506	10-33	—	603864	6-1	53
5100-50	5-8	48	604111-1	10-18	—
5100-68	5-8	41	604111-1	10-18	—
5100-68	5-8	82	604111-1	10-19	—
5103-62	3-17	25	60434	5-6	3
51086	8-5	8	60607-1	6-7.3	80
5133-18-S-PP	3-6	410	60617-0	10-24.1	13
5133-18-S-PP	3-6	840	60617-1	10-1	—
5133-25-S-PP	3-6	150	60617-1	10-1	—
5133-25-S-PP	3-6	350	60617-1	10-1	—
520-004	10-13	29	60617-1	10-1	—
520-004	10-14	—	60617-1	10-2	—
520-004	10-15	2	60617-1	10-2	—
520-006	10-34	4	60617-1	10-2	—
52305-A06-6	9-1	28	60617-1	10-2	—
524-080	6-1	51	60617-1	10-2	—
5451	3-2	—	60617-1	10-24.1	13
5451	3-2	—	60617-1	10-3	—
5451	4-5	23	60617-1	10-3	—
5453	3-12	—	60617-1	10-37	—
5453	9-2	—	60617-1	10-4	—
5453	9-2	—	60617-1	10-4	—
5480	4-5	26	60618-1	10-1	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
60618-1	10-1	—	6839	10-4	—
60618-1	10-1	—	68-3950902A30	10-32	4
60618-1	10-1	—	68-3950903A30	10-32	2
60618-1	10-18	—	68-4230020-40	10-31	6
60618-1	10-2	—	68-4230020-40	App A	—
60618-1	10-2	—	68-4230020-50	10-31	6
60618-1	10-2	—	68-4230020-50	App A	—
60618-1	10-2	—	68-4250066-30	10-31	10
60618-1	10-2	—	68-4250066-30	App A	—
60618-1	10-24.2	12	6EBTX-SS	7-9	18
60618-1	10-29	—	6R X 3/8	App A	—
60618-1	10-3	—	6RX1/2	App A	—
60618-1	10-3	—	6RX3/8	9-2	64
60618-1	10-37	—	6RX3/8	App A	—
60618-1	10-4	—	6X1/2	App A	—
60618-1	10-4	—	6X3/8	4-2	—
60618-1	5-7	—	6X3/8	11-3	3
60618-1	6-1	—	6X3/8	11-5	—
60620-1	7-9	—	6X3/8	App A	—
60652	5-6	8	70-0160-1056-6	3-3	26
608036-1	6-1	112	7101SYZQE	10-4	22A
608036-1	6-1.1	—	71478S	6-7.2	16
6-1437622-0	11-6	210	7201SYZQE	10-1	22
6-1616945-7	10-16	1	7201SYZQE	10-2	22
6-1616945-7	10-17	1	7203K2ZQE	10-36	3
6-1616945-7	10-18	9	726607	10-23	1
6-4 F5OX-S	7-9	12	726621	7-8	30
6502-12	6-9	23	726621	7-8.1	27
65143	5-6	6	7270-1-35	10-9	13
6-6FBTX-SS	6-4	9	7270-1-35	10-9	13
680	9-4	—	7270-1-5	10-1	28
68-2290005-30	10-31	11	7270-1-5	10-2	25
68-2290005-30	App A	—	7270-1-5	10-2	27
68-2290005-34	10-32	7	7270-1-5	10-7	3
6839	10-1	—	7270-1-5	10-7	5
6839	10-2	—	7270-1-5	10-8	3
6839	10-3	—	7270-1-5	10-8	5

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
7270-1-5	10-9	3	732-RTV	11-5	140
7270-1-5	10-9	3	732-RTV	3-3	—
7270-1-5	10-9	5	732-RTV	6-3	38
7270-1-5	10-9	5	7401SYZQE	10-3	22
7270-1-7 1/2	10-1	27	7401SYZQE	10-4	22
7270-1-7 1/2	10-2	26	748-RTV	10-24.2	5
7270-1-7 1/2	10-33	—	748-RTV	10-36	18
7270-1-7 1/2	10-7	4	748-RTV	10-39	20
7270-1-7 1/2	10-8	4	7592	11-6	30
7270-1-7 1/2	10-9	4	7641-20	10-14	1
7270-1-7 1/2	10-9	4	76638	5-6	9
7277-5-1	10-9	6	76640	5-6	11
7277-5-1 1/2	10-7	8	76642	5-6	4
7277-5-1 1/2	10-8	8	767	6-4	—
7277-5-1 1/2	10-9	6	77345-09.0HG-01	7-9	15
7277-5-1/2	10-9	14	786-4	5-11	190
7277-5-1/2	11-6	—	786-4-CU	5-10	2
7277-5-1/2	11-6	—	786-4-CU	5-5	43
7277-5-1/2	11-6	—	8000B.439	10-1	2
7277-5-10	10-7	9	8000B.439	10-2	2
7277-5-10	10-8	9	800-28V-BAT	10-1	4
7277-5-10	10-9	10	800-28V-BAT	10-2	4
7277-5-10	10-9	16	800-28V-BAT	10-3	4
7277-5-2	10-7	6	800-28V-BAT	10-4	4
7277-5-2	10-8	6	803-28V	10-4	4
7277-5-2	10-9	7	801-4	5-5	—
7277-5-2	10-9	7	801-4	5-5	—
7277-5-3	10-37	30	801-8	5-5	—
7277-5-3	10-7	7	801-8	5-6	18
7277-5-3	10-8	7	8116-B	7-9	—
7277-5-3	10-9	8	82043-22420	8-5	7
7277-5-3	10-9	8	82-12-120-16	3-19	18
7277-5-5	10-36	4	8-218-N300-9	4-4	4
7277-5-5	10-9	9	82-19-140-16	3-18	48
732BL	11-5	140	82-19-160-16	3-13	—
732-RTV	10-24.2	5	82-19-160-16	3-13	—
732-RTV	10-33	13	82-19-160-16	3-13	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
82-19-160-16	3-13	2	85-12-140-20	3-2	—
82-19-160-16	3-2	—	85-12-140-20	3-2	—
82-19-160-16	3-2	—	85-34-101-20	3-2	—
82-19-160-16	3-2	—	85-34-101-20	3-2	—
82-19-160-16	3-23	590	85-34-101-20	3-2	—
82-32-101-20	3-13	—	85-34-101-20	3-2	—
82-32-101-20	3-13	—	85-35-295-15	3-2	—
82-32-101-20	3-13	—	85-35-295-15	3-2	—
82-32-101-20	3-13	4	85-46-101-39	3-2	—
82-32-101-20	3-18	50	85-46-101-39	3-2	—
82-32-101-20	3-19	19	8618M25	6-8	14
82-32-101-20	3-2	—	8-8MTX-SS	11-1	4
82-32-101-20	3-2	—	8871T34	3-18	3
82-32-101-20	3-2	—	8871T34	3-18	12
82-32-101-20	3-23	600	8871T34	3-23	160
82-35-302-15	3-19	7	8RX1/2	App A	—
82-35-306-10	3-13	—	8x1/2	10-17	21
82-35-306-10	3-13	—	8X1/2	3-2	—
82-35-306-10	3-13	16	8X1/2	3-2	17
82-36-302-15	3-18	—	8X1/2	4-5	20
82-46-101-39	3-13	—	8X1/2	6-1.1	30
82-46-101-39	3-13	—	8X1/2	6-1.1	110
82-46-101-39	3-13	—	8X1/2	6-1.1	180
82-46-101-39	3-13	3	8X1/2	6-1.1	290
82-46-101-39	3-18	49	8X1/2	6-1.1	330
82-46-101-39	3-2	—	8X1/2	6-1.1	340
82-46-101-39	3-2	—	8X1/2	App A	—
82-46-101-39	3-2	—	8X3/8	6-1.1	370
8-32X1/4in	6-7.2	1	90120075	6-1	61
8473 H5L16	App A	—	90251A190	11-2	10
8473H5L16	7-8.1	—	90251A190	11-2	26
8473RUPH5-L16	7-8	—	90251A190	11-5	90
8473RUPH5-L16	App A	—	90251A190	6-5	13
848-FSO-04-03	6-1	9	90312A11	9-14	60
849-FSO-04X04	6-1	25	90-42130-009	10-1	—
85-12-140-16	3-2	—	90-42130-009	10-2	—
85-12-140-16	3-2	—	90-42130-009	10-3	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
90-42130-009	10-3	—	90-42130-018	10-1	—
90-42130-009	10-4	—	90-42130-018	10-2	—
90-42130-010	10-1	—	90-42130-018	10-3	—
90-42130-010	10-2	—	90-42130-018	10-3	—
90-42130-010	10-3	—	90-42130-018	10-4	—
90-42130-010	10-3	—	90-42130-019	10-1	—
90-42130-010	10-4	—	90-42130-019	10-2	—
90-42130-011	10-1	—	90-42130-019	10-3	—
90-42130-011	10-2	—	90-42130-019	10-3	—
90-42130-011	10-3	—	90-42130-019	10-4	—
90-42130-011	10-3	—	90-42130-021	10-1	—
90-42130-011	10-4	—	90-42130-021	10-2	—
90-42130-012	10-1	—	90-42130-021	10-3	—
90-42130-012	10-2	—	90-42130-021	10-3	—
90-42130-012	10-3	—	90-42130-021	10-4	—
90-42130-012	10-3	—	90-42130-022	10-1	—
90-42130-012	10-4	—	90-42130-022	10-2	—
90-42130-013	10-1	—	90-42130-022	10-3	—
90-42130-013	10-2	—	90-42130-022	10-3	—
90-42130-013	10-3	—	90-42130-022	10-4	—
90-42130-013	10-3	—	90-42130-023	10-1	—
90-42130-013	10-4	—	90-42130-023	10-2	—
90-42130-015	10-1	—	90-42130-023	10-3	—
90-42130-015	10-2	—	90-42130-023	10-3	—
90-42130-015	10-3	—	90-42130-023	10-4	—
90-42130-015	10-3	—	90-42130-024	10-1	—
90-42130-015	10-4	—	90-42130-024	10-2	—
90-42130-016	10-1	—	90-42130-024	10-3	—
90-42130-016	10-2	—	90-42130-024	10-3	—
90-42130-016	10-3	—	90-42130-024	10-4	—
90-42130-016	10-3	—	90-42130-026	10-1	—
90-42130-016	10-4	—	90-42130-026	10-2	—
90-42130-017	10-1	—	90-42130-026	10-3	—
90-42130-017	10-2	—	90-42130-026	10-3	—
90-42130-017	10-3	—	90-42130-026	10-4	—
90-42130-017	10-3	—	90-42130-028	10-3	—
90-42130-017	10-4	—	90-42130-028	10-4	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
9080221	3-1	—	A06195-8Z-1D	3-2	—
9080331	3-1	—	A06195-8Z-1D	3-2	—
9080443	3-1	—	A06195-8Z-1D	3-2	—
9080494	10-13	28	A06195-8Z-1D	3-2	—
9080494	10-14	—	A06195-8Z-1D	3-2	18
9080494	10-15	1	A06195-8Z-1D	4-5	—
90D030N-2	10-4	35	A06195-8Z-1D	4-5	—
90D030N-MOD-2	9-7.1	20	A06195-8Z-1D	4-5	—
90D030N-MOD-2	9-7.2	20	A06195-8Z-1D	4-5	—
9253	7-9	15	A06195-8Z-1D	4-5	—
92X9537	7-6.1	10	A06195-8Z-1D	4-5	—
94355A182	11-5	90	A06195-8Z-1D	6-1.1	—
94355A182	6-5	13	A06195-8Z-1D	6-1.1	—
95-41-11-H6-55785	10-1	19	A06195-8Z-1D	6-1.1	—
95-41-11-H6-55785	10-2	19	A06195-8Z-1D	6-1.1	—
95-41-11-H6-55785	10-3	19	A06195-8Z-1D	6-1.1	—
95-41-11-H6-55785	10-4	19	A06195-8Z-1D	6-1.1	—
959-5	8-5	13	A06195-8Z-1D	6-1.1	—
97CSX-2 24VDC	App A	—	A06195-8Z-1D	6-11	12
A01784-6Z-1D	3-21	—	A06195-8Z-1D	6-12	14
A01787-8Z-1D	6-1.1	100	A06195-8Z-1D	App A	—
A01787-8Z-1D	6-1.1	310	A10K130	11-6	110
A01787-8Z-1D	6-12	2	A1787-8Z1	App A	—
A01787-8Z-1D	App A	—	A1787-8Z-1	App A	—
A01789-8Z-1D	4-4	32	A1789-8Z-1	App A	—
A01789-8Z-1D	4-5	—	A315HI-B-28V	10-1	32
A01789-8Z-1D	4-5	—	A413AHDACF-14/28	10-30	1
A01789-8Z-1D	6-11	4	A4274	App A	—
A01789-8Z-1D	App A	—	A427-4	10-31	7
A06191-8Z-1D	6-12	14	A427-4	App A	—
A06194-8Z-1D	6-11	13	A507	10-31	3
A06194-8Z-1D	App A	—	A507	App A	—
A06195-6Z-1D	6-1.1	—	A50828	App A	—
A06195-8Z-1D	3-2	—	A508-28	10-31	4
A06195-8Z-1D	3-2	—	A508-28	App A	—
A06195-8Z-1D	3-2	—	A600PG28	App A	—
A06195-8Z-1D	3-2	—	A600-PG-28	10-30	4

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
A600-PG-28	10-31	—	A8944-632-493	10-2	—
A600-PG-28	3-8	26	A8944-632-493	10-2	—
A600-PG-28	App A	—	A8944-632-493	10-3	—
A600PR28	App A	—	A8944-632-493	10-3	—
A600-PR-28	10-30	4	A8944-632-493	10-3	—
A600-PR-28	10-31	—	A8944-632-493	10-4	—
A600-PR-28	3-8	25	A-8970B1-327	10-1	31
A600-PR-28	App A	—	A-8970B1-327	10-2	31
A605	10-31	1	A-8970B1-327	10-5	5
A605	App A	—	A-8970B1-327	10-6	5
A606	10-31	12	A8P150	3-3	22
A606	App A	—	AA521-4	9-8	6
A610	10-31	8	AA521-4	App A	—
A610	App A	—	AA-521-4	App A	—
A612	10-31	11	AA521-8	9-5	15
A612	App A	—	AA-521-9	9-8	19
A615	10-31	10	AA86146	7-8	38
A615	App A	—	AA86146	7-8.1	34
A616	10-31	9	A-A-55488-1	9-1	27
A616	App A	—	AA-ECD-084-480	8-3	25
A6194-8Z-1	App A	—	ABC6114	9-4	27
A6195-8Z-1	App A	—	ABM1M-A-C	10-39	90
A6195-8Z-1	6-1.1	—	ABMM-AT-C	10-24	10
A6196-8Z-1	6-1.1	—	ABMM-AT-C	10-24.2	4
A-700	6-4	29	ABMM-AT-C	10-36	14
A-700	App A	—	ABMS-A	5-5	31
A-700RD1180	App A	—	ABMS-A	5-6	37
A700RD11800	5-10	1	AC-B283F-107	6-9	35
A700RD11800	5-11	10	ACC38-A-C20	10-39	30
A700RD11800	App A	—	ACC62-A-C20	10-39	40
A8944-632-493	10-1	—	ACF-50	8-3	—
A8944-632-493	10-1	—	AD-B283101	6-9	34
A8944-632-493	10-1	—	AD4()BSLF	3-3	20
A8944-632-493	10-1	—	AJ4-30	3-2	—
A8944-632-493	10-2	—	AJ4-35	3-2	—
A8944-632-493	10-2	—	AJ4-35	3-2	—
A8944-632-493	10-2	—	AJ4-35	3-2	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AJ4-35	3-2	—	AN315-3I	6-7	7
AJ4-35	3-2	—	AN315-3L	6-8	12
AJ4-35	3-2	—	AN315-3L	7-3	16
AJ4-40	3-2	—	AN315-3R	3-6	570
AJ4-40	3-2	—	AN315-3R	3-6	720
AJC19-A-C	10-36	15	AN315-3R	6-6	4
AJW4-30	6-11	21	AN315-3R	6-6	17
AJW4-30	6-12	23	AN315-3R	6-7	2
AN100C4	9-14	37	AN315-3R	6-7	9
AN104607	6-6	26	AN315-3R	6-8	3
AN104608	6-6	27	AN315-3R	6-8	10
AN174-21	9-13	5	AN315-3R	7-3	14
AN176-15A	8-3	42	AN315-4R	9-14	30
AN176-15A	8-3	55	AN3-15A	3-11	3
AN176-17A	7-6	20	AN3-15A	6-10	19B
AN176-17A	7-6.1	19	AN315C4R	10-17	8
AN176-17A	8-3	43	AN316-4	6-8	16
AN178-21	8-6	5	AN316-4L	9-14	6
AN2552-3A	10-16	14	AN316-4L	9-14	11
AN3-10A	10-12	18	AN316-4L	9-2	23
AN3-10A	10-13	25	AN316-4L	9-5	5
AN3-10A	3-18	22	AN316-4L	9-5	21
AN3-10A	5-9	2	AN316-4L	9-8	17
AN3-10A	6-1.1	410	AN316-4R	6-7	22
AN3-10A	7-9	4	AN316-4R	6-7.2	19
AN3115-1	10-33	22	AN316-4R	9-14	5
AN3-11A	10-22	13	AN316-4R	9-14	10
AN3-11A	4-4	18	AN316-4R	9-2	21
AN3-11A	5-12	30	AN316-4R	9-5	3
AN3-11A	5-8	65	AN316-4R	9-5	19
AN3-11A	5-9	2	AN316-4R	9-8	15
AN3-11A	7-9	4	AN316-5L	9-13	13
AN3-11A	9-4	30	AN316-5L	9-15	25
AN3-12	9-14	25	AN316-5L	9-5	—
AN3-12A	8-3	29	AN316-5R	11-2	6
AN315-3L	6-6	15	AN316-5R	11-2	22
AN315-3L	6-7	4	AN316-5R	9-13	11

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN316-5R	9-15	26	AN340-8	10-24	7
AN316-5R	9-5	—	AN340-8	10-3	—
AN316-6R	3-17	16	AN340-8	10-4	—
AN316-6R	3-18	4	AN340-8	11-2	11
AN316-6R	3-18	13	AN340-8	11-2	27
AN316-6R	3-23	130	AN340-8	5-8	18
AN316-7	6-6	3	AN340-8	5-8	58
AN316-8	5-9	10	AN340-8	6-1	82
AN316-8R	5-9	10	AN340-8	6-1	109
AN3-16A	6-14	3	AN340-832	10-20	8
AN3-16A	9-1	7	AN340-832	5-8	87
AN3-16A	9-9	19	AN340-832	6-1	31
AN3-17A	3-9	9	AN340-832	6-4	15
AN320-4	9-10	13	AN340-832	9-12	39
AN320-6	9-11	11	AN345-10	6-7.1	10
AN320-6	9-12	27	AN3-4A	10-12	14
AN320-7	9-11	9	AN3-4A	10-13	18
AN320-8	9-12	33	AN3-4A	10-14	5
AN3-20A	3-10	6	AN3-4A	10-14	10
AN3-20A	4-6	12	AN3-4A	10-14	14
AN3-3A	10-12	4	AN3-4A	10-18	7
AN3-3A	10-13	21	AN3-4A	10-18	30
AN3-3A	11-1	32	AN3-4A	3-18	22
AN3-3A	6-14	6	AN3-4A	3-18	45A
AN3-3A	6-3	33	AN3-4A	3-8	15
AN3-3A	9-2	47	AN3-4A	5-5	56
AN3-3A	9-2	57	AN3-4A	6-11	24
AN3-3A	9-9	8	AN3-4A	6-12	26
AN340-2	10-23	10	AN3-4A	6-9	3
AN340-4	9-3	37	AN3-4A	6-9	31
AN340-6	10-1	—	AN3-4A	9-4	32
AN340-6	10-2	—	AN3-5	9-14	45
AN340-6	10-3	—	AN3-5A	3-18	45
AN340-8	10-1	—	AN3-5A	3-9	15
AN340-8	10-2	—	AN3-5A	4-2	26
AN340-8	10-21	7	AN3-5A	6-10	19A
AN340-8	10-22	9	AN3-5A	6-10	9

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN3-5A	6-3	23	AN364-1032A	5-9	4
AN3-5A	6-9	33	AN364-1032A	6-1	79
AN3-5A	7-10	12	AN364-1032A	6-10	5
AN3-5A	7-9	7	AN364-1032A	6-10	5
AN3-5A	9-9	1	AN364-1032A	6-11	26
AN3-6	9-14	40	AN364-1032A	6-12	28
AN364-1032	3-4	160	AN364-1032A	7-10	—
AN364-1032	3-4	210	AN364-1032A	7-10	—
AN364-1032A	10-12	6	AN364-1032A	7-11	26
AN364-1032A	10-12	12	AN364-1032A	7-4	20
AN364-1032A	10-12	16	AN364-1032A	7-5	23
AN364-1032A	10-12	20	AN364-1032A	7-9	6
AN364-1032A	10-13	16	AN364-1032A	9-1	9
AN364-1032A	10-13	20	AN364-1216A	8-3	40
AN364-1032A	10-13	23	AN364-428A	3-6	110
AN364-1032A	10-13	27	AN364-428A	4-1	5
AN364-1032A	10-17	27	AN364-428A	4-1	23
AN364-1032A	10-18	8	AN364-428A	4-2	24
AN364-1032A	10-18	26	AN364-428A	4-6	4
AN364-1032A	10-27	14	AN364-428A	5-2	300
AN364-1032A	11-1	31	AN364-428A	8-7	28
AN364-1032A	3-12	15	AN364-524A	4-4	28
AN364-1032A	3-6	180	AN364-524A	7-4	28
AN364-1032A	3-6	600	AN364-524A	7-5	31
AN364-1032A	3-6	750	AN364-524A	7-6	5
AN364-1032A	3-8	44	AN364-524A	7-6.1	5
AN364-1032A	5-2	110	AN364-624A	3-1	330
AN364-1032A	5-2	150	AN364-624A	4-1	35
AN364-1032A	5-2	190	AN364-624A	8-3	45
AN364-1032A	5-2	250	AN364-632A	10-1	—
AN364-1032A	5-2	710	AN364-632A	10-18	14
AN364-1032A	5-2	770	AN364-632A	10-18	37
AN364-1032A	5-2	800	AN364-632A	10-19	—
AN364-1032A	5-2	830	AN364-632A	10-19	8
AN364-1032A	5-5	8	AN364-632A	10-28	11
AN364-1032A	5-6	16	AN364-632A	10-29	120
AN364-1032A	5-8	66	AN364-632A	10-29	180

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN364-632A	10-4	—	AN365-1032A	7-3	22
AN364-632A	11-4	7	AN365-1032A	7-8	37
AN364-632A	11-6	170	AN365-1032A	9-2	48
AN364-632A	8-7	31	AN365-1032A	9-2	58
AN364-832A	10-33	9	AN365-428A	3-6.1	140
AN364-832A	11-1	19	AN365-428A	3-9	4
AN364-832A	11-1	39	AN365-428A	4-1	12
AN364-832A	11-5	290	AN365-428A	4-1	31
AN364-832A	3-3	18	AN365-428A	4-2	10
AN364-832A	5-10	5	AN365-428A	6-10	26
AN364-832A	5-11	240	AN365-428A	6-9	39
AN364-832A	5-12	260	AN365-428A	7-10	18
AN364-832A	5-2	460	AN365-428A	7-3	11
AN364-832A	5-5	42	AN365-428A	7-8.2	80
AN364-832A	5-6	24	AN365-524A	4-1	9
AN364-832A	6-1	76	AN365-524A	4-1	28
AN364-832A	6-3	56	AN365-524A	4-2	14
AN364-832A	6-4	7	AN365-524A	4-3	8
AN364-832A	6-4	18	AN365-524A	4-4	25
AN364-832A	6-9	52	AN365-524A	4-6	7
AN364-832A	7-3	29	AN365-524A	6-13	8
AN365-1032A	10-16	17	AN365-524A	6-6	20
AN365-1032A	10-18	10	AN365-524A	8-1	16
AN365-1032A	10-18	32	AN365-524A	8-2	16
AN365-1032A	3-10	9	AN365-624A	4-2	21
AN365-1032A	3-11	5	AN365-624A	4-3	4
AN365-1032A	3-15	9	AN365-624A	7-6	22
AN365-1032A	3-19	16	AN365-624A	7-6.1	21
AN365-1032A	3-8	9	AN365-624A	8-3	57
AN365-1032A	4-4	20	AN365-632A	4-4	13
AN365-1032A	4-6	14	AN365-832	9-14	62
AN365-1032A	5-12	50	AN365-832A	10-18	17
AN365-1032A	5-9	4	AN365-832A	3-13	29
AN365-1032A	6-10	17	AN365-832A	9-14	62
AN365-1032A	6-9	6	AN3-6A	10-14	9
AN365-1032A	6-9	42	AN3-6A	10-14	13
AN365-1032A	7-11	26	AN3-6A	6-9	3

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN3-6A	7-3	17	AN3H5A	7-3	2
AN3-6A	7-9	4	AN3H5A	7-10	12
AN370-3	6-9	56	AN4076-1	7-8	8
AN3-7A	6-10	13	AN4076-1	7-8.1	5
AN3-7A	6-9	29	AN4-10A	3-8	3
AN3-7A	7-3	17	AN4-11	9-13	9
AN3-7A	7-3	19	AN4-11A	3-10	10
AN3-7A	7-9	4	AN4-13	9-15	28
AN380-4-8	8-3	24	AN4-13	9-15	38
AN381-2-10	3-6.1	90	AN4-14	9-10	1
AN381-2-10	9-15	22	AN4-14	9-15	38
AN381-2-12	9-11	10	AN4-14A	4-1	10
AN381-2-16	9-15	14	AN4-14A	4-1	29
AN381-2-7	9-14	18	AN416-1	9-1	27
AN381-2-8	6-1	86	AN4-17A	3-9	5
AN381-2-8	9-10	6	AN4-17A	3-12	7
AN381-2-8	9-13	8	AN4-17A	3-18	33
AN381-3-12	9-1	35	AN4-17A	7-8.2	59
AN381-3-12	9-12	28	AN4-20A	3-12	7
AN381-3-12	9-14	43	AN4-21A	3-9	19
AN381-3-16	8-6	9	AN4-21A	6-9	37
AN381-3-16	9-12	34	AN4-22A	3-9	2
AN381-3-8	10-33	4	AN4-22A	6-9	41
AN386-2-7A	7-11	24	AN4-25A	3-12	7
AN386-2-8A	6-10	3	AN4-26A	3-12	7
AN386-2-8A	6-10	3	AN42B-14A	3-4	180
AN386-2-8A	7-8	35	AN4-33A	4-2	8
AN386-2-9A	6-10	3	AN4-34A	4-1	3
AN386-2-9A	7-10	—	AN4-34A	4-1	24
AN386-2-9A	7-10	—	AN4-36A	4-6	2
AN386-2-9A	7-4	18	AN4-37A	4-1	21
AN386-2-9A	7-5	21	AN4-37A	4-2	22
AN3-8A	11-1	29	AN4-3A	10-18	27
AN393-9	3-2	—	AN4-3A	7-8	22
AN3H3A	6-7.1	3	AN4-3A	7-8.1	19
AN3H-3A	7-11	28	AN4-4A	5-12	80
AN3H4A	9-12	36	AN4-5A	3-18	31

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN4-5A	5-12	80	AN507-632R4	3-8	29
AN4-5A	8-7	26	AN507-632R7	10-30	7
AN4-6A	3-18	37	AN507-632R7	3-8	28
AN4-6A	7-6	16	AN507-6R8	3-16	7
AN4-6A	7-6.1	15	AN507-832R-10	9-9	11
AN470AD3-5	3-5	70	AN507-832R7	4-5	19
AN4-7A	3-18	40	AN507-832R8	9-7.1	8
AN4-7A	6-10	23	AN507-832R8	9-7.1	10
AN4C5A	10-17	4	AN507-832R8	9-7.2	8
AN4C6A	10-17	5	AN507-832R8	9-7.2	10
AN4H10A	8-5	17	AN507-8R6	6-5	5
AN4H15A	8-5	28	AN507-8R8	6-5	6
AN4H3A	5-1	6	AN509-10R10	3-6.1	230
AN4H-4A	8-7	25	AN509-8R10	11-5	110
AN4H-4A	9-12	17	AN509-8R10	6-5	12
AN4-7A	7-10	15	AN509-8R14	6-5	16
AN4H5A	7-3	9	AN509-8R16	11-1	46
AN4H7A	7-10	15	AN5-11	9-13	15
AN4-XXX	10-24.1	16	AN5-11A	7-5	28
AN502-10-10	9-12	36	AN5-12A	4-2	17
AN502-10-10	9-3	39	AN5-13A	4-2	17
AN502-10-12	7-11	17	AN5-13A	6-1	93
AN502-10-8	9-3	16	AN515-4R12	9-3	35
AN503-10-10	9-10	15	AN515-6R8	11-4	3
AN503-10-10	9-12	11	AN515-6R8	11-5	210
AN503-10-18	9-15	4	AN515-8-10	5-12	250
AN503-10-6	11-2	15	AN515-8-12	5-12	300
AN503-10-6	11-2	32	AN515-832R7	5-8	88
AN503-8-6	6-11	5	AN515-8R10	10-21	4
AN503-8-6	6-12	5	AN515-8R10	10-24.1	4
AN503-8-6	9-3	29	AN515-8R10	3-2	—
AN503-8-8	8-2	49	AN515-8R10	3-2	—
AN503-8-8	9-3	9	AN515-8R10	3-2	—
AN507-1024R7	6-4	22	AN515-8R10	5-10	8
AN507-1032R14	10-17	14	AN515-8R10	6-3	30
AN507-1032R8	3-19	14	AN515-8R10	6-4	14
AN507-632R4	10-30	5	AN515-8R12	6-1	29

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN515-8R14	10-21	8	AN515B6R16	10-2	—
AN515-8R14	10-23	3	AN515B6R16	10-2	—
AN515-8R14	7-3	27	AN515B6R16	10-2	—
AN515-8R6	11-1	42	AN515B6R16	10-2	—
AN515-8R7	11-1	37	AN515B6R16	10-2	—
AN515-8R7	11-2	10	AN515B6R16	10-3	—
AN515-8R7	11-2	26	AN515B6R16	10-3	—
AN515-8R7	5-6	22	AN515B6R16	10-3	—
AN515-8R7	5-8	19	AN515B6R16	10-4	—
AN515-8R7	5-8	59	AN515B6R16	10-4	—
AN515-8R7	9-7.1	23	AN515B6R16	10-4	—
AN515-8R7	9-7.2	23	AN515B6R4	10-10	6
AN515-8R8	10-20	5	AN515B6R7	10-1	—
AN515-8R8	10-24.1	4	AN515B6R7	10-2	—
AN515-8R8	11-1	17	AN515B6R7	10-3	—
AN515-8R8	5-10	3	AN515B6R7	10-3	—
AN515-8R8	5-11	130	AN515B6R7	10-4	—
AN515-8R8	6-1	81	AN515B8R8	10-1	—
AN515-8R8	6-1	108	AN515B8R8	10-2	—
AN515-8R8	6-4	5	AN515B8R8	10-3	—
AN515-8R8	6-4	19	AN515B8R8	10-4	—
AN515-8R8	6-7.2	8	AN5-16	9-13	18
AN515-8R9	10-22	6	AN5-16A	4-3	6
AN515-8R9	10-24	4	AN5-16A	4-4	24
AN5-15A	4-2	12	AN520-10-“X”	8-7	24
AN515B6R10	10-1	—	AN520-10R16	5-5	5
AN515B6R10	10-1	—	AN520-10R16	5-6	13
AN515B6R10	10-2	—	AN525-10R10	3-6	590
AN515B6R10	10-2	—	AN525-10R10	3-6	740
AN515B6R10	10-3	—	AN525-10R10	5-1	20
AN515B6R10	App A	—	AN525-10R10	5-3	15
AN515-B6R10	App A	—	AN525-10R10	5-4	15
AN515B6R14	10-4	—	AN525-10R10	6-3	2
AN515B6R16	10-1	—	AN525-10R10	6-3	37
AN515B6R16	10-1	—	AN525-10R10	6-3	39
AN515B6R16	10-1	—	AN525-10R10	7-9	9
AN515B6R16	10-1	—	AN525-10R12	3-6	640

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN525-10R12	3-6	820	AN525-832R16	11-1	47
AN525-10R12	3-8	21	AN525-832R6	3-8	42
AN525-10R12	5-2	170	AN525-832R7	10-38	70
AN525-10R12	6-3	42	AN525-832R7	11-1	23
AN525-10R12	7-9	9	AN525-832R7	11-6	70
AN525-10R14	3-8	21	AN525-832R7	3-8	42
AN525-10R14	3-8	32	AN525-832R7	4-5	13
AN525-10R14	5-2	130	AN525-832R7	5-11	220
AN525-10R14	7-9	9	AN525-832R7	5-2	440
AN525-10R16	5-2	220	AN525-832R7	5-5	40
AN525-10R18	5-1	15	AN525-832R7	6-6	28
AN525-10R6	5-1	19	AN525-832R7	6-8	22
AN525-10R6	6-3	3	AN525-832R7	6-9	50
AN525-10R6	6-3	6	AN525-832R8	10-33	7
AN525-10R6	7-1.1	100	AN525-832R8	10-38	30
AN525-10R7	5-1	—	AN525-832R8	11-5	300
AN525-10R7	5-3	14	AN525-832R8	3-3	16
AN525-10R7	5-4	14	AN525-832R8	3-8	42
AN525-10R7	6-3	9	AN525-832R8	5-3	16
AN525-10R7	6-3	9	AN525-832R8	5-4	16
AN525-10R8	11-6	80	AN525-832R8	6-1.1	230
AN525-10R8	3-13	30	AN526-1032R6	3-6	220
AN525-10R8	3-19	10	AN526-1032R6	3-6	260
AN525-10R8	5-1	—	AN526-1032R6	3-6	390
AN525-10R8	5-3	17	AN526-1032R6	3-6	490
AN525-10R8	5-4	17	AN526-1032R6	3-6	950
AN525-416R8	5-1	23	AN526-1032R6	5-2	470
AN525-416R10	5-1	23	AN526-1032R8	3-6	160
AN525-416R10	5-1	28	AN526-1032R8	3-6	260
AN525-416R10	5-4	32	AN526-1032R8	3-6	390
AN525-416R14	5-1	23A	AN526-1032R8	3-6	450
AN525-416R6	5-3	13	AN526-1032R8	3-6	590
AN525-416R6	5-4	13	AN526-1032R8	3-6	640
AN525-632R10	3-8	27	AN526-1032R8	3-6	700
AN525-832R10	3-2	31	AN526-1032R8	3-6	740
AN525-832R10	3-3	—	AN526-1032R8	3-6	820
AN525-832R10	5-11	80	AN526-1032R8	3-6	870

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN526-1032R8	3-6	910	AN530-4-6	11-5	190
AN526-1032R8	3-6	950	AN530-6R4	3-6	700
AN526-1032R8	3-6.1	-170	AN530-6R4	3-6	870
AN526-632R	10-29	140	AN530-6R6	10-1	15
AN526-632R10	10-30	6	AN530-6R6	10-10	8
AN526-632R12	11-5	250	AN530-6R6	10-2	15
AN526-632R4	6-7.1	2	AN530-6R6	10-3	15
AN526-632R6	10-1	—	AN530-6R6	10-4	15
AN526-632R6	10-35	4	AN530-6R6	11-4	12
AN526-632R6	3-21	—	AN530-6R6	4-2	—
AN526-632R6	3-4	30	AN530-8R8	4-2	—
AN526-632R6	3-4	230	AN531-6R12	3-17	—
AN526-632R7	10-18	12	AN531-6R8	3-16	4
AN526-632R7	10-18	35	AN531-6R8	6-1.1	400
AN526-632R7	10-19	—	AN531-8R8	3-2	—
AN526-632R7	10-19	6	AN5-33A	7-6	3
AN526-632R7	10-29	10	AN5-33A	7-6	3
AN526-632R7	11-4	5	AN5-33A	7-6	3
AN526-632R8	10-28	7	AN5-33A	7-6.1	3
AN526-632R8	10-29	100	AN5-35A	4-1	26
AN526-632R8	3-4	90	AN5-35A	4-1	7
AN526-632R8	3-4	260	AN5-35A	4-6	5
AN526-6R6	10-24.1	7	AN5-37A	4-1	26
AN526-832R7	9-14	63	AN5-37A	4-1	33
AN526-832R8	10-28	16	AN5-37A	6-13	6
AN526-832R8	10-29	90	AN5-43A	8-1	5
AN526-832R8	3-13	27	AN5-43A	8-2	5
AN526-832R8	3-18	9	AN5-44A	8-1	5
AN526-832R8	3-18	18	AN5-44A	8-2	5
AN526-832R8	3-21	310	AN5-4A	4-6	9
AN526-832R8	3-23	120	AN5-4A	7-8.1	33
AN526-832R8	6-12	9	AN5534-2	10-21	2
AN526-832R8	9-1	39	AN5546-1	7-8	38
AN526-832R8	9-14	63	AN5546-1	7-8.1	34
AN526-832R-8	9-9	9	AN5816-2	10-33	16
AN526-8R8	9-14	63	AN5H-45A	8-1	2
AN526C-1032R9	3-4	190	AN5H-45A	8-2	2

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN5H-46A	8-1	2	AN816-6D	7-8	9
AN5H-46A	8-2	2	AN816-6D	7-8.1	6
AN5H-6A	8-1	1	AN816-8D	11-2	8
AN5H-6A	8-2	1	AN816-8D	11-2	24
AN6-20A	4-3	2	AN816-8J	11-2	7
AN6227-11	7-11	8	AN816-8J	11-2	23
AN6227-3	7-11	12	AN818-4D	10-33	–
AN6227-6	7-8	–	AN818-4D	6-3	61
AN6227-6	7-9	–	AN818-4J	6-3	61
AN6-23A	4-2	19	AN824-6J	6-3	12
AN654-832A	11-2	14	AN824-6J	6-4	36
AN654-832A	11-2	30	AN824-8D	11-1	10
AN690-10	3-14	–	AN824-8D	11-3	7
AN742F10	6-4	4	AN824-8D	5-5	2
AN742F8	6-4	3	AN824-8J	11-1	7
AN743-13	11-2	2	AN832-4D	6-3	50
AN743-13	5-5	21	AN833-4	6-1	38
AN743-13	5-6	27	AN833-6J	6-3	14
AN75-A12	8-3	54	AN833-6J	6-4	33
AN75-A6	8-3	53	AN900-10	7-9	24
AN7H-7A	8-7	33	AN900-6	7-8	1
AN814-2D	8-2	32	AN900-6	7-8.1	1
AN814-2DL	5-8	52	AN900-8	7-11	10
AN814-2DL	7-1	13	AN924-4	6-1	40
AN814-2DL	7-1.1	200	AN924-4D	5-2	430
AN814-2DL	7-11	7	AN924-4D	6-3	51
AN814-2DL	7-5	10	AN924-4W	5-2	430
AN814-2DL	8-5	26	AN924-4W	6-3	51
AN814-4DL	6-9	24	AN924-6D	5-7	10
AN814-5DL	7-8	2	AN924-6J	6-3	16
AN814-5DL	7-8.1	2	AN924-6J	6-4	34
AN814-6DL	6-9	13	AN929-4D	10-33	21
AN814-8DL	6-9	11	AN929A4J	6-1	68
AN814-8DL	7-5	7	AN929A4S	6-3	64
AN815-6J	6-4	24	AN929L8J	6-4	–
AN816-4D	5-12	110	AN931-10-20	10-13	30
AN816-4D	5-9	11	AN931-3-5	10-1	–

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN931-3-5	10-2	—	AN938-8	10-20	7
AN931-3-5	10-3	—	AN950-516L	4-3	9
AN931-3-5	10-4	41	AN960-10	10-12	5
AN931-3-5	6-9	5	AN960-10	10-12	11
AN931-3-9	6-1.1	270	AN960-10	10-13	15
AN931-4-12	7-7	7	AN960-10	10-13	22
AN931-4-7	5-8	—	AN960-10	10-16	16
AN931-5-12	3-2	—	AN960-10	10-17	3
AN931-5-12	3-2	—	AN960-10	3-12	14
AN931-8-13	7-7	7	AN960-10	3-6	170
AN931-8-20	7-7	6	AN960-10	3-6	580
AN932-3D	7-8	3	AN960-10	3-6	730
AN935-10	6-7.1	11	AN960-10	3-8	16
AN935-4	9-3	36	AN960-10	4-6	13
AN935-416L	7-8	21	AN960-10	5-11	270
AN935-416L	7-8.1	18	AN960-10	5-12	40
AN935-6	10-1	—	AN960-10	5-2	700
AN935-6	10-2	—	AN960-10	5-2	760
AN935-6	10-3	—	AN960-10	5-2	790
AN935-8	10-21	6	AN960-10	5-2	820
AN935-8	10-22	8	AN960-10	5-8	23
AN935-8	10-24	6	AN960-10	5-8	55
AN935-8	6-1	32	AN960-10	5-8	91
AN935-8	6-1	74	AN960-10	5-9	3
AN935-8	6-1	111	AN960-10	6-1	36
AN935B8	10-1	—	AN960-10	6-1	85
AN935B8	10-2	—	AN960-10	6-10	4
AN935B8	10-3	—	AN960-10	6-10	4
AN935B8	10-4	—	AN960-10	6-10	16
AN936-416	11-5	260	AN960-10	6-14	4
AN936A2	10-23	9	AN960-10	6-2	9
AN936A416	11-1	25	AN960-10	6-7.1	12
AN936-A416	4-5	15	AN960-10	6-9	4
AN936-A516	11-2	5	AN960-10	7-10	13
AN936-A516	11-2	21	AN960-10	7-11	25
AN936A716	6-6	2	AN960-10	7-4	19
AN936-B4	9-3	—	AN960-10	7-5	22

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN960-10	7-8	36	AN960-10L	6-11	7
AN960-10	8-3	—	AN960-10L	6-11	25
AN960-10	8-3	30	AN960-10L	6-12	7
AN960-10	8-7	23	AN960-10L	6-12	27
AN960-10	9-14	41A	AN960-10L	6-6	10
AN960-10	9-14	46	AN960-10L	6-7	13
AN960-10	9-3	17	AN960-10L	6-7.1	5
AN960-10L	10-12	15	AN960-10L	6-9	4
AN960-10L	10-12	19	AN960-10L	7-11	27
AN960-10L	10-13	19	AN960-10L	7-3	18
AN960-10L	10-13	26	AN960-10L	7-9	5
AN960-10L	10-14	6	AN960-10L	8-3	31
AN960-10L	10-16	12	AN960-10L	8-7	23
AN960-10L	10-17	11	AN960-10L	9-1	8
AN960-10L	10-17	25	AN960-10L	9-10	8
AN960-10L	10-18	19	AN960-10L	9-12	37
AN960-10L	10-18	25	AN960-10L	9-14	26
AN960-10L	10-19	2	AN960-10L	9-14	41
AN960-10L	10-27	15	AN960-10L	9-15	5
AN960-10L	11-1	30	AN960-10L	9-2	43
AN960-10L	3-11	4	AN960-10L	9-2	53
AN960-10L	3-12	13	AN960-10L	9-4	31
AN960-10L	3-15	8	AN960-10L	9-6	36
AN960-10L	3-19	15	AN960-10L	9-7.1	29
AN960-10L	3-8	8	AN960-10L	9-8	2
AN960-10L	4-2	28	AN960-10L	9-9	6
AN960-10L	4-4	19	AN960-3	6-3	24
AN960-10L	5-2	100	AN960-416	3-8	4
AN960-10L	5-2	140	AN960-416	4-1	4
AN960-10L	5-2	180	AN960-416	4-1	22
AN960-10L	5-2	240	AN960-416	4-2	11
AN960-10L	5-5	7	AN960-416	4-6	3
AN960-10L	5-6	15	AN960-416	5-12	90
AN960-10L	5-9	3	AN960-416	6-10	24
AN960-10L	6-10	14	AN960-416	7-1	17
AN960-10L	6-10	16	AN960-416	7-8	20
AN960-10L	6-10	20	AN960-416	7-8.1	17

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN960-416	8-5	16	AN960-516	7-5	29
AN960-416	9-13	6	AN960-516	7-6	4
AN960-416	9-15	31	AN960-516	7-6	4
AN960-416L	10-18	28	AN960-516	7-6	4
AN960-416L	10-24.1	17	AN960-516	7-6.1	4
AN960-416L	3-12	4	AN960-516	8-1	6
AN960-416L	3-6	120	AN960-516	8-2	6
AN960-416L	3-6.1	130	AN960-516	9-13	21
AN960-416L	3-8	4	AN960-516L	4-2	18
AN960-416L	3-9	3	AN960-516L	4-4	23
AN960-416L	4-1	11	AN960-516L	4-6	10
AN960-416L	4-1	30	AN960-516L	5-8	13
AN960-416L	4-2	9	AN960-516L	6-1	92
AN960-416L	5-2	310	AN960-516L	6-1	94
AN960-416L	6-1	20	AN960-516L	7-2	12
AN960-416L	6-10	24	AN960-516L	7-3	31
AN960-416L	9-10	2	AN960-516L	7-4	26
AN960-416L	9-10	12	AN960-516L	7-5	29
AN960-416L	9-12	16	AN960-516L	8-1	6
AN960-416L	9-15	29	AN960-516L	8-2	6
AN960-416L	9-2	2	AN960-516L	9-13	16
AN960-416L	9-5	8	AN960-516L	9-15	20
AN960-416L	9-8	23	AN960-516L	9-5	24
AN960-4L	3-3	—	AN960-6	10-1	—
AN960-4L	3-3	24	AN960-6	10-1	—
AN960-4L	6-7.2	5	AN960-6	10-2	—
AN960-4L	7-8.2	70	AN960-6	10-3	—
AN960-4L	9-3	41	AN960-6	11-4	6
AN960-516	4-1	8	AN960-6	4-4	12
AN960-516	4-1	27	AN960-616	3-1	220
AN960-516	4-2	13	AN960-616	3-1	320
AN960-516	4-3	7	AN960-616	3-1	350
AN960-516	4-6	6	AN960-616	3-1	370
AN960-516	6-1	94	AN960-616	3-1	400
AN960-516	6-1	102	AN960-616	4-1	14
AN960-516	7-3	31	AN960-616	4-3	3
AN960-516	7-4	26	AN960-616	7-6	21

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN960-616	7-6.1	20	AN960-816	8-6	6
AN960-616	7-7	3	AN9608L	6-7.2	10
AN960-616	9-12	26	AN960-8L	10-17	22
AN960-616L	4-2	20	AN960-8L	10-18	16
AN960-616L	4-3	5	AN960-8L	10-21	5
AN960-616L	6-7.2	15	AN960-8L	10-22	7
AN960-616L	9-12	21	AN960-8L	10-24	5
AN960-6L	10-18	13	AN960-8L	10-30	3
AN960-6L	10-18	36	AN960-8L	11-1	18
AN960-6L	10-19	—	AN960-8L	11-5	280
AN960-6L	10-19	7	AN960-8L	3-13	28
AN960-6L	10-28	10	AN960-8L	3-2	—
AN960-6L	10-29	110	AN960-8L	3-2	—
AN960-6L	10-29	150	AN960-8L	3-2	—
AN960-6L	10-29	170	AN960-8L	3-2	—
AN960-6L	10-4	—	AN960-8L	3-2	—
AN960-6L	11-6	160	AN960-8L	3-2	—
AN960-6L	3-4	40	AN960-8L	3-3	17
AN960-6L	3-4	240	AN960-8L	5-10	4
AN960-716	5-2	420	AN960-8L	5-11	210
AN960-716	8-7	32	AN960-8L	5-11	230
AN960-716L	9-11	8	AN960-8L	5-2	450
AN960-8	10-20	6	AN960-8L	5-5	41
AN960-8	10-33	8	AN960-8L	5-6	23
AN960-8	11-1	38	AN960-8L	5-8	7
AN960-8	11-2	13	AN960-8I	5-8	33
AN960-8	11-2	29	AN960-8L	5-8	74
AN960-8	5-12	270	AN960-8L	6-1	33
AN960-8	5-12	320	AN960-8L	6-1.1	240
AN960-8	5-8	15	AN960-8L	6-12	10
AN960-8	6-1	75	AN960-8L	6-3	55
AN960-8	6-1	110	AN960-8L	6-4	6
AN960-8	6-2	9	AN960-8L	6-4	16
AN960-8	6-3	31	AN960-8L	6-9	51
AN960-8	6-4	17	AN960-8L	8-1	33
AN960-816	5-9	8	AN960-8L	8-2	38
AN960-816	6-1	39	AN960-8L	9-14	64

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN960-8L	9-3	10	AN960D10L	10-17	28
AN960-8L	9-3	31	AN960D10L	10-18	31
AN960-8L	9-9	10	AN960D10L	10-25	7
AN960-916	6-3	15	AN960D10L	10-26	8
AN960-916	6-4	32	AN960D10L	11-6	100
AN960B8	10-1	—	AN960D10L	3-2	—
AN960B8	10-2	—	AN960D10L	3-2	25
AN960B8	10-3	—	AN960D10L	3-21	—
AN960B8	10-4	—	AN960D10L	6-8	18
AN960C10	10-16	3	AN960D10L	8-7	23
AN960C10	10-16	10	AN960D10L	9-10	14
AN960C10	6-13	9	AN960D10L	9-4	7
AN960C10	6-14	7	AN960D10L	9-4	21
AN960C10	6-6	25	AN960D3L	10-28	14
AN960C10	6-8	6	AN960D3L	10-29	220
AN960C10L	6-1	80	AN960D416	11-5	230
AN960C10L	6-6	23	AN960D416	6-9	38
AN960C10L	6-8	6	AN960D416	9-14	15
AN960C1216	8-3	39	AN960D416	9-14	16
AN960C416	7-10	16	AN960D416	9-2	8
AN960C416L	10-17	6	AN960D416L	11-5	220
AN960C416L	10-17	16	AN960D416L	9-14	15
AN960C416L	10-18	—	AN960D416L	9-2	4
AN960C416L	6-8	20	AN960D516	8-1	3
AN960C416L	7-10	16	AN960D516	8-2	3
AN960C516	6-1	56	AN960D516	8-3	52
AN960C516L	10-17	30	AN960D516L	8-1	3
AN960D10	10-18	3	AN960D516L	8-2	3
AN960D10	10-19	—	AN960D516L	10-4	—
AN960D10	10-23	6	AN960D616	8-3	44
AN960D10	11-2	16	AN960D616	9-1	32
AN960D10	11-2	31	AN960D616L	9-1	33
AN960D10	11-6	90	AN960D8	3-2	23
AN960D10	6-8	18	AN960D8	8-1	18
AN960D10	6-9	30	AN960D8	8-2	18
AN960D10	8-7	23	AN960D8	8-3	36
AN960D10	9-1	21	AN960D8L	10-28	10

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
AN960D8L	10-33	8	AS-N-345	10-23.1	—
AN960D8L	3-3	17	AS3084-08	6-1	12
AN960KD10L	9-4	21	AS3209-113	6-1	54
AN960PD10	10-16	22	AS3209-113	6-1	54
AN960PD10	7-3	3	AS3209-113	6-1	54
AN960PD10L	3-6.1	210	AS3491-01	6-1	18
AN960PD10L	3-6.1	240	AS3492-01	6-1	55
AN960PD10L	3-8	22	AV-22	10-38	120
AN960PD416	7-3	10	AV-22	10-39	110
AN960PD416	7-6	17	B-00396-1	10-18	6
AN960PD416	7-6.1	16	B1000-050-S	9-9	17
AN960PD8L	7-3	28	B1210	App A	—
AN964-6C	6-4	31	B-1210	8-7	5
AN970-3	5-2	230	B-1210	App A	—
AN970-3	6-12	30	B-1GF2-B	5-9	5
AN970-3	6-3	25	B46-2 1/2	9-3	11
AN970-3	6-3	26	BPF 15/16	10-12	22
AN975-3	6-10	4	BPF 15/16	10-13	32
AN975-3	7-5	22	BPF 15/16	10-15	—
AN975-3	7-10	—	BPF-1/2	3-8	14
AN975-3	7-10	—	BPF-3/4	4-5	22
ANL100	App A	—	BPF-3/4	9-7	19
ANL-100	10-16	6	BPSPT-094-175W	10-23.1	—
ANL-100	10-17	15	C0455-039-0500M	9-6	20
ANL-100	App A	—	C0480-035-0750-M	3-17	28
ANL150	App A	—	C0480-035-0750-M	3-17	34
ANL-150	10-17	15	C0480-045-0880-S	3-18	6
ANL-150	App A	—	C0480-045-0880-S	3-18	15
ANL35	App A	—	C0480-045-0880-S	3-23	110
ANL-35	10-17	29	C0600-063-1250	3-17	22
ANL-35	App A	—	C102780	3-16	15
AP-1-3-50-051	10-1	24	C102780	3-18	25
AP-1-3-50-051	10-2	24	C145712	6-7	17
AP-1-3-50-051	10-7	1	C145712	6-7	18
AP-1-3-50-051	10-8	1	C148740	7-4	22
AP-1-3-50-051	10-9	1	C148740	7-5	25
AP22-6	8-6	3	C23-805	10-4	29

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
C23-805	10-4	29	CCR-264 SS-3-3	App A	—
C23-806	10-4	30	CCR264-3-3	App A	—
C23-806	10-4	30	CCR264SS-3-02	4-5	—
C23-807	10-4	31	CCR264SS-3-02	4-5	—
C23-807	10-4	31	CCR264SS-3-02	4-5	—
C307PS	10-4	—	CCR264SS-3-02	4-5	—
CA3106F10-6S	10-1	—	CCR264SS-3-02	4-5	—
CA3106F10-6S	10-2	—	CCR264SS-3-02	4-5	—
CA3106F10-6S	10-3	—	CCR264SS-3-02	5-2	490
CA3106F12S3SF80	5-12	200	CCR264SS-3-02	5-2	530
CA3106F14S-5SF80	10-1	—	CCR-264-SS-3-2	4-5	—
CA3106F14S-5SF80	10-1	—	CCR-264-SS-3-2	4-5	—
CA3106F14S-5SF80	10-2	—	CCR264SS-3-3	3-8	41
CA3106F14S-5SF80	10-2	—	CCR264SS-3-3	5-8	25
CA3106F14S-5SF80	10-2	—	CCR264SS-3-3	5-8	57
CA3106F14S-5SF80	10-3	—	CCR264SS-3-3	5-8	93
CA3106F14S-5SF80	10-3	—	CCR-264-SS-3-3	3-2	—
CA3106F14S-5SF80	10-3	—	CCR-264-SS-3-3	3-2	19
CA3106F14S-5SF80	10-3	—	CCR-264-SS-3-3	3-2	27
CA3106F20-29SF80	10-18	—	CCR274SS-3-02	3-20	—
CBR1M-M	10-23.1	—	CCS38-S8-C0	10-4	34
CBR1M-M	10-24.1	—	CL42498	7-1	25
CBR1M-M	10-24.2	—	CP25WB+	5-11	180
CBR1M-M	10-36	—	CP25WB+	6-4	30
CBR1M-M	10-39	50	CP8-TB	10-24.1	11
CBR2M-M	10-23.1	—	CP8-TB	10-24.2	8
CBR2M-M	10-24.1	—	CP8-TB	5-2	360
CBR2M-M	10-24.2	—	CR 17240	8-3	16
CBR2M-M	10-36	—	CR 17240	App A	—
CBR3I-M	10-24.1	—	CR20526	App A	—
CBR3I-M	10-24.2	—	CR2-M	10-24.1	—
CBR3I-M	10-36	—	CR2-M	10-24.2	10
CBR3S-M	10-24.1	—	CR2-M	10-25	4
CBR3S-M	10-24.2	—	CR2-M	10-26	4
CBR3S-M	10-36	—	CR2-M	10-36	13
CC-3251	3-3	11	CR2-M	10-39	60
CCH25-S10-C	10-38	60	CR3212-4-02	5-2	540

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
CR3212-4-02	9-6	6	CR3523-6-5	9-1	7
CR3212-4-02	9-7	6	CR91484-4-()	3-3	20
CR3212-4-02	App A	—	CRWI14809	7-1	2
CR3212-4-03	4-4	21	CRWI14809	App A	—
CR3212-4-03	5-2	500	CTJ122E25E	10-36	8
CR3212-4-03	5-2	510	D-436-37	10-23.1	—
CR3212-4-03	5-2	550	D110277	10-1	37
CR3212-4-04	3-6.2	—	D110278	10-1	34
CR3212-4-07	3-6.2	40	D1250	4-4	3
CR3212-4-2	App A	—	DE110963-1	10-1	35
CR3213-4-02	10-19	—	DEU-9P	10-1	33
CR3213-4-02	3-11	6	DEU-9S	10-1	36
CR3213-4-02	3-6.1	160	DT-370-MOMF-5	7-9	26
CR3213-4-02	5-5	22	DU08	App A	—
CR3213-4-02	5-6	28	DU-08	App A	—
CR3213-4-02	6-3	—	E-18STPA	3-6	410
CR3213-4-02	9-4	15	E-18STPA	3-6	840
CR3213-4-02	9-14	73	E9000-10	6-1	14
CR3213-4-02	App A	—	E9002-1	11-1	11
CR3213-4-03	3-10	18	E9002-2	11-1	12
CR3213-4-03	4-4	21	EA9309NA	3-10	—
CR3213-4-03	6-3	—	EA9309NA	5-2	400
CR3213-4-03	9-14	73	EA9359	5-11	300
CR3213-4-04	3-6.2	10	EA9394	10-23.1	—
CR3213-4-2	App A	—	EA9394	5-2	850
CR3213-5-02	9-4	17	EC-776	5-2	840
CR3213-5-03	5-2	720	ECD001-11	8-7	13
CR3213-5-03	9-1	29	ECD001-13	8-7	13
CR3213-5-04	9-4	—	ECD001-15	8-7	13
CR3213-6-03	App A	—	ECD002-13	8-7	15
CR3213-6-3	4-2	26	ECD009-11	9-11	3
CR3213-6-3	App A	—	ECD013-11	9-12	8
CR3214-4-02	5-3	—	ECD014-11	7-6	9
CR3214-4-02	5-4	—	ECD014-11	7-6.1	8
CR3523-6-05	9-1	7	ECD015-11	7-10	7
CR3523-6-5	9-1	7	ECD016-11	9-15	9
CR3523-6-5	9-1	7	ECD030-11	9-12	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
ECD030-11	9-15	—	ECD4024-1	7-4	24
ECD034-11	9-3	13	ECD4024-1	7-5	27
ECD050-11	3-12	8	ECD4025-1	7-10	14
ECD050-11	3-16	15	ECD4031-11	9-3	23
ECD050-11	3-22	340	ECD4031-13	9-3	23
ECD050-11	9-15	34	ECD4032-3	3-5	10
ECD050-11	9-15	36	ECD4032-7	3-6.2	70
ECD050-15	9-12	23	ECD4034-1	6-9	45
ECD050-19	9-13	19	ECD4034-3	6-9	44
ECD066-1	9-3	3	ECD4034-5	6-9	46
ECD075-13	10-16	1	ECD4034-7	6-9	43
ECD075-13	10-18	9	ECD4034-9	6-9	47
ECD075-15	10-16	1	ECD4035-1	10-1	11
ECD075-15	10-18	9	ECD4035-1	10-2	11
ECD084-1	8-3	25	ECD4035-1	10-3	11
ECD091-1	8-5	20	ECD4035-5	10-4	11
ECD092-1	8-1	23	ECD4036-150	5-3	5
ECD092-1	8-1	36	ECD4036-150	5-4	5
ECD092-1	8-2	27	ECD4037-11	5-1	13
ECD092-3	8-2	40	ECD4037-11	5-4	22
ECD093-11	11-5	100	ECD4037-3	5-4	23
ECD093-11	5-11	280	ECD4038-3	10-2	9
ECD093-11	5-8	—	ECD4038-3	10-3	9
ECD093-11	6-5	—	ECD4038-4	10-2	9
ECD111-11	7-9	—	ECD4038-4	10-3	9
ECD4000-11	7-3	33	ECD4038-5	10-4	9
ECD4011-13	6-10	6	ECD4039-1	10-25	6
ECD4014-11	7-1	5	ECD4039-1	10-26	7
ECD4014-11	7-1.1	13	ECD4039-3	10-25	6
ECD4015-11	7-1	23	ECD4039-3	10-26	12
ECD4016-11	7-1	29	ECD4040-1	10-1	10
ECD4017-11	7-2	7	ECD4040-1	10-2	10
ECD4017-11	7-2	7	ECD4040-1	10-3	10
ECD4019-1	3-14	—	ECD4040-5	10-4	10
ECD4019-3	3-14	—	ECD4041-1	10-1	12
ECD4019-5	3-14	—	ECD4041-1	10-2	12
ECD4020-11	9-8	28	ECD4041-7	10-3	12

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
ECD4041-7	10-4	12	ECD4056-1	7-5	5
ECD4041-9	10-4	12	ECD4056-3	7-4	5
ECD4042-1	10-1	6	ECD4056-3	7-5	5
ECD4042-1	10-2	6	ECD4056-5	7-4	5
ECD4042-1	10-3	6	ECD4056-5	7-5	5
ECD4042-7	10-4	6	ECD4057-11	4-2	25
ECD4043-1	10-1	8	ECD4057-13	4-2	25
ECD4043-1	10-2	8	ECD4057-15	4-2	25
ECD4043-4	10-2	8	ECD4059-3	10-1	20
ECD4043-4	10-3	8	ECD4059-3	10-2	20
ECD4043-5	10-3	8	ECD4059-3	10-3	20
ECD4043-7	10-4	8	ECD4059-5	10-3	20
ECD4044-1	10-1	7	ECD4059-5	10-4	20
ECD4044-1	10-2	7	ECD4060-11	9-7.1	18
ECD4044-4	10-3	7	ECD4060-11	9-7.2	18
ECD4044-5	10-4	7	ECD4060-15	9-7.1	18
ECD4046-1	5-7	9	ECD4061-1	3-16	10
ECD4049-11	5-1	3	ECD4061-1	3-22	320
ECD4049-13	5-1	11	ECD4064-13	6-3	29
ECD4050-1	10-2	2	ECD4066-1	6-3	7
ECD4050-1	10-3	2	ECD4066-2	6-3	8
ECD4050-1	10-4	2	ECD4066-3	6-3	7
ECD4052-4	10-3	8	ECD4066-4	6-3	8
ECD4052-5	10-3	8	ECD4069-1	7-9	1
ECD4053-1	10-1	1	ECD4072-1	10-18	23
ECD4053-1	10-2	1	ECD4074-1	6-9	1
ECD4053-3	10-2	1	ECD4074-5	6-9	1
ECD4053-4	10-2	1	ECD4078-1	10-4	20
ECD4053-5	10-2	1	ECD4078-X	10-4	20
ECD4053-5	10-3	1	ECD4079-1	10-18	38
ECD4053-6	10-3	1	ECD4079-1	10-23.1	10
ECD4053-6	10-4	1	ECD4080-11	6-1	91
ECD4053-7	10-3	1	ECD4089-11	10-35	—
ECD4053-7	10-4	1	ECD4089-11	3-21	230
ECD4054-3	10-2	8	ECD4089-11	3-22	—
ECD4054-3	10-3	8	ECD4089-13	3-22	—
ECD4056-1	7-4	5	ECD4089-15	10-35	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
ECD4089-15	3-21	260	G-641	10-14	1
ECD4089-23	3-18	—	GA4-250	3-2	—
ECD4089-23	3-18	—	GA4-250	3-2	—
ECD4089-23	3-21	235	GA4-250	3-2	—
ECD4089-23	3-23	280	GA4-250	3-2	—
ECD4089-25	3-21	255	GA4-250	3-2	—
ECD4089-25	3-23	290	GA4-250	3-2	—
ECD4092-1	5-1	29	GA4-250	6-11	22
ECD4093-1	10-4	27	GA4-250	6-12	24
ECD4094-1	6-6	1	GB-910	9-13	2
ELP30-28-03	11-6	220	GCSG 501-2	App A	—
ELP30-2803-281	11-6	220	GCSG501-2	10-18	1
ELR07-2800WB-2	11-6	200	GCSG501-2	App A	—
ELR17-2800WB-2	11-6	200	GEE62FR-C	10-19	—
ES49026-8	11-1	4	GF-5500-88	5-3	21
ESS-64204	3-21	290	GF-5500-88	5-4	27
F12NE4717-054	9-15	21	H1637Z3	7-10	10
F12NE-4753-02	9-14	28	H1637Z3	8-1	35
F12-NE-4753-048	9-13	7	H1637Z3	8-2	39
F12-NE-4753-054	9-13	17	H1637Z3	9-12	12
F12NE-4753-080	8-6	8	H1641Z3	8-1	28
F22NA1-02	10-12	2	H1641Z3	8-3	20
F22NA1-02	10-13	11	H1641Z3	9-11	6
F22NA1-62	10-28	2	H1641Z3	9-13	3
F22NA17A-02	11-2	18	H1911Z3	7-4	9
F22NKM62	3-4	50	H1911Z3	7-6	14
FIT-221V-1/8	6-9	58	H1911Z3	7-6.1	13
FIT-221V-3/32	10-36	—	H1911Z3	8-1	34
FLX200120003208	6-1	104	HD6158510090030	App A	—
FN22M-624	7-7	4	HD6158-510-090-030	10-10	4
FN22M-624	8-6	4	HD6158-510-090-030	App A	—
FN22M-624	App A	—	HD6158-510-090-030H	10-10	4
FN-22M-624	App A	—	HFLVV3M	6-8	9
G06DU	9-9	16	HFLVV3M	7-3	15
G08DU	6-6	6	HFLVV3M	App A	—
G08DU	App A	—	HFLVV-3M	App A	—
G2-0032	9-1	36	HFVV3M	3-6	270

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
HFVV3M	3-6	560	HMVV3M	6-7	1
HFVV3M	3-6	710	HMVV3M	6-7	10
HFVV3M	7-3	13	HMVV3M	6-8	4
HFVV3M	App A	—	HMVV3M	App A	—
HFVV-3M	App A	—	HMVV-3M	App A	—
HGVV3M	App A	—	HMVV4M	6-8	17
HGVV-3M	App A	—	HMVV4M	9-14	4
HL18PB5-2	9-8	34	HMVV4M	9-14	9
HL18PB5-3	9-5	12	HMVV4M	9-2	20
HL18PB70-5-5	3-8	2	HMVV4M	9-5	2
HL70-5	9-5	13	HMVV4M	9-5	18
HL70-5	9-8	35	HMVV4M	App A	—
HM3M	6-7	1	HMVV-4M	App A	—
HM3M	6-7	10	HMVV5M	9-5	—
HM3M	App A	—	HMVV5M	App A	—
HM-3M	App A	—	HMVV-5M	App A	—
HML3M	6-7	5	HP-1003	7-9	23
HML3M	6-7	6	HPF1260-6-58	8-6	1
HML3M	App A	—	HS-99338	3-6	—525
HML-3M	App A	—	HS-99338	3-6	—645
HMLVV3M	6-6	16	HS-99338	3-6	—775
HMLVV3M	6-7	5	HS-99417	3-6	530
HMLVV3M	6-7	6	HS-99417	3-6	650
HMLVV3M	App A	—	HS-99417	3-6	780
HMLVV-3M	App A	—	HV79-13	5-8	12
HMLVV4M	9-14	7	ILT1.5IM	10-36	11
HMLVV4M	9-14	12	ILT1M-M	10-36	10
HMLVV4M	9-2	22	ILT2S-M	10-24.1	—
HMLVV4M	9-5	4	ILT2S-M	10-24.2	—
HMLVV4M	9-5	20	ILT2S-M	10-36	12
HMLVV4M	App A	—	IPT-20RT1-1000	App A	—
HMLVV-4M	App A	—	IPT-20RT1-1000-150G	10-20	2
HMLVV5M	9-5	—	IPT-20RT1-1000-150G	App A	—
HMLVV5M	App A	—	J-3459-8	9-3	7
HMLVV-5M	App A	—	JC-D4N-300L	6-7.1	7
HMVV3M	6-6	5	JC-D4N-300L	6-7.3	10
HMVV3M	6-6	18	J-D4N-300M	10-16	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
JE-1	10-23	8	LHMS-S5-D	10-36	16
JE-1	6-1	88	LHSSE-5	9-12	—
K010-0406	7-8	39	LR3-40-17-HE-81041	10-4	18
K010-0406	7-8.1	35	LR3-40-17-HE-81042	10-4	17
K010406	6-9	9	LR3-40-17-HE-81043	10-4	16
K10712	7-9	—	LW12878-4S-260	5-5	29
K1AN	App A	—	LW12878-4S-260	5-6	35
K1A-N	11-5	40	LWB-22-6-58	8-6	1
K1A-N	6-5	14	M1270	7-5	8
K203RA	7-9	25	M12883/41-14	10-16	—
K94RA	7-11	11	M22759/16-22-9	10-23.1	—
KA1-N	App A	—	M25988/1-906	7-1	12
KN500B1/8	10-1	30	M25988/1-906	7-1.1	170
KN500B1/8	10-2	30	M39029/22-192	10-1	—
KN500B1/8	10-7	11	M39029/22-192	10-2	—
KN500B1/8	10-8	11	M39029/22-192	10-3	—
KN500B1/8	10-9	12	M39029/22-192	10-4	—
KN500B1/8	10-9	12	M39029/22-192	10-4	—
KN500B1/8	App A	—	M39029/22-192	10-4	—
KN500B-1/8	App A	—	M39029/22-192	10-4	—
KN700B1/4	11-6	210	M39029/89-498	10-26	—
KUP-5D55-24	10-18	33	M39029/89-501	10-26	—
KXD-X9N	10-18	15	M39029/92-536	6-7.3	30
L-14X	8-4	—	M45913/2-4CG5C	3-5	20
L-18X	8-3	6	M45913/2-4CG5C	3-6.2	50
L47N-600-3	9-1	28	M5594/1-3	10-1	25
L47N-600-3	9-14	60	M81934/1-08C012	9-12	30
L58D-G24-W	10-4	25	M83248/1-008	7-11	12
L58D-Y24-W	10-3	23	M83248/1-011	7-8	—
L58D-Y24-W	10-4	25	M83248/1-011	7-9	—
L-7X	8-4	—	M83248/1032	App A	—
LCB	10-24.1	—	M83248/1-032	8-2	45
LCB	10-36	—	M83248/1-032	App A	—
LDF-5-157	9-2	61	M83248/1-138	6-9	36
LDF-5-157	9-5	28	M83248/1-911	7-8	16
LED-41-11-HE-39062	10-4	19	M83248/1-911	7-8.1	13
LHMS-S5-D	10-27	17	M83536/10-024M	10-16	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
M83536/2-024L	10-18	33	MS17826-3	6-6	11
M83536/33-003L	10-18	34	MS17826-3	6-7	14
MAC-VR	10-18	11	MS17826-3	6-7	19
MB542DD	9-1	3	MS17826-3	6-8	7
MB542DD	9-1	3	MS17826-3	9-6	37
MB542DD	9-1	3	MS17826-3	9-7.1	30
MCI-06-01	3-17	32	MS17826-4	6-8	21
MM-46-70	7-9	—	MS17826-4	9-10	5
MOBIL 1 75-90	App A	—	MS17826-4	9-14	17
MOBIL 1 75W-90	App A	—	MS17826-4	9-2	5
MOBIL 1 LS 75W-90	App A	—	MS17826-4	9-5	9
MS1042-08	6-4	7	MS17826-4	9-8	24
MS1083N08	7-3	29	MS17826-5	9-5	25
MS14101-6	9-1	12	MS17826-6	9-1	34
MS14103-4	9-12	—	MS17987C409	9-14	59
MS14104-6	9-1	12	MS18066-25	3-6	90
MS15001-1	8-1	28	MS18066-69	6-7	21
MS16555-27	8-3	17	MS18066-69	6-7.2	18
MS16562-196	6-7.2	14	MS18066-8	3-6	090
MS16562-211	9-3	—	MS18066-8	3-6	300
MS16562-213	9-3	40	MS20002C4	7-3	10
MS16562-215	8-4	2	MS20002C4	App A	—
MS16562-216	3-6	100	MS20002-C4	App A	—
MS16562-218	3-19	5	MS20002C6	3-1	120
MS16562-222	5-8	50	MS20002C6	3-1	200
MS16562-232	5-8	44	MS20002-C6	3-7	3
MS16562-232	5-8	85	MS20006H12	3-1	190
MS16998-10L	9-4	—	MS20006H12	3-7	4
MS16998-46	3-8	13	MS20006H14	3-1	110
MS171527	3-17	20	MS20006H14	3-7	2
MS171531	3-17	18	MS20073-0304	App A	—
MS171531	3-17	35	MS20073-03-04	App A	—
MS171535	3-17	5	MS20074-03-04	9-10	15
MS17825-3	9-14	28	MS20074-05-06	8-3	53
MS17825-4	9-13	7	MS20074-05-12	8-3	54
MS17825-4	9-15	32	MS20074-05-16	8-3	51
MS17825-5	9-13	17	MS20074-05-17	8-3	50

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS20074-05-23	8-3	48	MS20426AD3-3	3-13	25
MS20253-P2	3-13	—	MS20426AD3-3	3-2	—
MS20253-P2	3-13	—	MS20426AD3-3	3-2	—
MS20253-P2	3-13	—	MS20426AD3-3	3-2	—
MS20253-P2	3-13	—	MS20426AD3-3	3-2	—
MS20253-P2	3-2	32	MS20426AD3-3	5-8	3
MS20364-1032A	9-9	7	MS20426AD3-3	5-8	29
MS20364-428	3-16	17	MS20426AD3-3	5-8	70
MS20364-428	3-22	330	MS20426AD3-3	6-12	—
MS20392-1C11	6-7.2	4	MS20426AD3-3	6-2	6
MS20392-1C9	6-7.2	4	MS20426AD3-3.5	6-12	—
MS20392-2C17	3-6.1	80	MS20426AD3-4	10-28	3
MS20392-2C31	6-1	84	MS20426AD3-4	10-29	70
MS20426A3-3	6-3	—	MS20426AD3-4	10-29	250
MS20426A3-3	6-3	—	MS20426AD3-4	11-5	150
MS20426A3-3	6-3	—	MS20426AD3-4	3-19	8
MS20426A3-3	6-3	—	MS20426AD3-4	3-2	—
MS20426A3-3	6-3	—	MS20426AD3-4	3-2	—
MS20426A3-3	6-11	14	MS20426AD3-4	3-2	—
MS20426A3-3	6-12	15	MS20426AD3-4	3-2	—
MS20426A3-4	11-5	150	MS20426AD3-4	3-2	—
MS20426A3-4	3-13	—	MS20426AD3-4	3-2	—
MS20426A3-4	3-13	—	MS20426AD3-4	3-8	24
MS20426A3-4	3-13	—	MS20426AD3-5	3-8	18
MS20426A3-4	3-2	—	MS20426AD3-5	3-9	14
MS20426A3-4	3-2	—	MS20426AD3-5	6-11	19
MS20426A3-4	3-2	—	MS20426AD3-5	6-12	21
MS20426A3-5	10-29	240	MS20426AD3-5	9-14	32
MS20426A5-4	3-19	3	MS20426AD3-6	10-28	4
MS20426AD3-2	6-9	28	MS20426AD3-6	3-13	34
MS20426AD3-3	10-12	3	MS20426AD3-7	3-13	32
MS20426AD3-3	10-12	8	MS20426AD4-4	10-13	3
MS20426AD3-3	10-13	34	MS20426AD4-4	11-4	17
MS20426AD3-3	10-18	—	MS20426AD4-4	3-2	—
MS20426AD3-3	10-18	5	MS20426AD4-6	3-2	—
MS20426AD3-3	10-28	3	MS20426AD4-6	3-2	—
MS20426AD3-3	11-2	19	MS20426AD4-8	3-6.2	40

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS20427M3-3	6-1.1	—	MS20470AD5-7	3-8	2
MS20427M3-3	6-1.1	—	MS20500-428	3-12	9
MS20427M3-3	6-1.1	—	MS20500-524	6-1	57
MS20427M3-3	6-1.1	—	MS20500-524	6-1	95
MS20427M3-3	6-1.1	—	MS20604AD4W()	3-3	20
MS20427M3-3	6-1.1	—	MS20615-3M2	6-1.1	—
MS20427M3-3	6-1.1	—	MS20615-3M4	10-28	13
MS20427M3-3	6-1.1	—	MS20615-3M4	10-29	210
MS20470A3-3	3-2	—	MS20813-1	4-4	—
MS20470A3-3	6-1.1	120	MS20819-4D	10-33	—
MS20470A3-3	6-1.1	320	MS20819-4D	6-3	62
MS20470A3-4	10-29	190	MS20822-4D	5-8	9
MS20470A3-4	3-2	—	MS20822-4D	6-3	57
MS20470A3-4	3-2	—	MS20822-4D	7-9	28
MS20470A3-4	6-2	6	MS20822-4J	7-9	11
MS20470A4-4	5-2	600	MS20822-6D	7-8	10
MS20470AD3-3	3-13	—	MS20822-6D	7-8.1	7
MS20470AD3-3	3-13	—	MS20823-4D	5-8	51
MS20470AD3-3	3-13	17	MS20823-4D	5-8	89
MS20470AD3-3	4-5	—	MS20913-1	5-12	210
MS20470AD3-3	4-5	—	MS20995C20	5-8	—
MS20470AD3-3	4-5	—	MS20995C25	5-1	—
MS20470AD3-3	4-5	—	MS20995C25	5-1	—
MS20470AD3-4	3-2	—	MS20995C25	5-12	170
MS20470AD3-4	3-2	—	MS20995C25	9-12	—
MS20470AD3-4	8-3	—	MS20995C25	9-2	—
MS20470AD4-2	3-2	—	MS20995-C25	6-7.1	6
MS20470AD4-3	11-2	3	MS20995-C25	7-1.1	—
MS20470AD4-3	3-19	12	MS20995C32	11-2	—
MS20470AD4-3	3-5	40	MS20995C32	11-2	—
MS20470AD4-4	11-2	3	MS20995C32	3-1	100
MS20470AD4-4	3-2	—	MS20995C32	3-1	180
MS20470AD4-4	3-2	—	MS20995C32	3-7	11
MS20470AD4-4	3-6.1	340	MS20995C32	5-7	—
MS20470AD4-4	5-2	600	MS20995C32	6-9	57
MS20470AD4-6	3-19	6	MS20995C32	7-10	—
MS20470AD5-4	9-14	66	MS20995C32	7-8	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS20995C32	7-8.1	—	MS21042-6	3-1	380
MS20995C32	7-9	—	MS21042-6	4-1	18
MS20995-C32	App A	—	MS21043-3	7-1.1	120
MS20995C41	7-6	—	MS21043-4	10-18	—
MS20995C41	7-6.1	—	MS21043-4	6-1	19
MS20995C41	7-10	—	MS21044N06	10-4	—
MS21042-08	10-24.1	5	MS21044N06	4-4	13
MS21042-08	3-3	18	MS21044N08	9-14	62
MS21042-08	5-12	260	MS21044N3	10-13	27
MS21042-08	5-12	310	MS21044N3	3-10	9
MS21042-08	5-5	18	MS21044N3	3-19	16
MS21042-08	5-5	51	MS21044N3	3-8	9
MS21042-08	6-1	82	MS21044N3	3-9	11
MS21042-08	6-1	109	MS21044N3	4-4	20
MS21042-08	6-3	32	MS21044N3	4-6	14
MS21042-3	10-22	15	MS21044N3	5-12	50
MS21042-3	11-1	31	MS21044N3	6-10	12
MS21042-3	3-14	—	MS21044N3	6-10	17
MS21042-3	3-6.1	220	MS21044N3	6-9	42
MS21042-3	3-6.1	250	MS21044N3	6-9	6
MS21042-3	6-1	35	MS21044N3	7-3	22
MS21042-3	6-1.1	420	MS21044N3	9-2	48
MS21042-3	6-13	10	MS21044N3	9-2	58
MS21042-3	6-14	5	MS21044N4	3-6	110
MS21042-3	6-3	27	MS21044N4	3-6.1	140
MS21042-3	9-1	22	MS21044N4	3-9	4
MS21042-3	9-10	9	MS21044N4	4-1	12
MS21042-3	9-2	44	MS21044N4	4-1	31
MS21042-3	9-2	54	MS21044N4	4-2	10
MS21042-3	9-4	9	MS21044N4	6-10	26
MS21042-3	9-4	22	MS21044N4	6-9	39
MS21042-3	9-8	4	MS21044N5	4-1	28
MS21042-4	10-24.1	18	MS21044N5	4-1	9
MS21042-4	3-12	5	MS21044N5	4-2	14
MS21042-4	7-1	18	MS21044N5	4-3	8
MS21042-4	9-8	11	MS21044N5	4-4	25
MS21042-6	3-1	230	MS21044N5	7-4	28

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS21044N5	7-5	31	MS21083N08	6-4	18
MS21044N5	7-6	5	MS21083N08	6-4	7
MS21044N5	7-6	5	MS21083N08	6-9	52
MS21044N5	7-6	5	MS21083N12	8-3	40
MS21044N5	7-6.1	5	MS21083N3	10-13	16
MS21044N5	8-1	16	MS21083N3	10-13	20
MS21044N5	8-2	16	MS21083N3	10-13	23
MS21044N6	4-3	4	MS21083N3	3-12	15
MS21044N6	7-6	22	MS21083N3	3-17	12
MS21044N6	7-6.1	21	MS21083N3	3-18	47
MS21044N6	8-3	57	MS21083N3	3-23	570
MS21059-08	5-8	69	MS21083N3	3-8	44
MS21061L3	5-1	—	MS21083N3	5-2	110
MS21061L3	6-3	44	MS21083N3	5-2	150
MS21075L3N	5-1	—	MS21083N3	5-2	190
MS21075L3N	6-9	27	MS21083N3	5-2	250
MS21075L4	9-14	31	MS21083N3	5-2	710
MS21078-06	3-8	23	MS21083N3	5-2	770
MS21078-08K	4-5	—	MS21083N3	5-2	800
MS21078-08K	4-5	—	MS21083N3	5-2	830
MS21078-3	3-13	24	MS21083N3	6-1	79
MS21078-3	3-2	—	MS21083N3	6-10	5
MS21080-06	3-8	23	MS21083N3	6-10	5
MS21080-08	11-2	18	MS21083N3	6-11	26
MS21080-08K	3-2	—	MS21083N3	6-12	28
MS21080-3	10-13	12	MS21083N3	7-9	6
MS21080-3	11-2	18	MS21083N3	8-3	—
MS21080-3	3-9	13	MS21083N5	7-5	31
MS21081-3	3-8	17	MS21083N4	3-10	13
MS21083N06	3-22	290	MS21083N4	3-18	26
MS21083N08	10-33	9	MS21083N4	3-23	410
MS21083N08	11-1	19	MS21083N4	4-1	23
MS21083N08	11-1	39	MS21083N4	4-1	5
MS21083N08	11-5	290	MS21083N4	4-2	24
MS21083N08	5-2	460	MS21083N4	5-2	300
MS21083N08	6-1	76	MS21083N5	4-4	28
MS21083N08	6-3	56	MS21083N6	3-1	330

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS21083N6	3-17	24	MS21919WCJ8	9-2	46
MS21083N6	4-1	35	MS21919WCJ8	9-2	56
MS21083N6	4-2	21	MS21919WDF14	5-6	14
MS21083N6	8-3	45	MS21919WDG14	6-4	27
MS21240-08C12	9-12	30	MS21919WDG16	6-4	26
MS21240-08C12	App A	—	MS21919WDG3	6-4	20
MS21240-08C-12	App A	—	MS21919WDG3	7-1.1	90
MS21250-06-048	7-7	1	MS21919WDG4	11-5	310
MS21251-B3L	9-14	33	MS21919WDG6	6-4	28
MS21251-B3S	9-14	33	MS21919WF10	5-5	30
MS21255-3LS	9-14	35	MS21919WF10	5-6	36
MS21255-3RS	9-14	34	MS21919WF12	10-22	10
MS21256-1	9-14	36	MS21919WF12	10-24.1	2
MS21256-2	9-14	36	MS21919WF12	11-1	15
MS21299C6	8-6	2	MS21919WF-12	5-12	230
MS21428-42	9-1	3	MS21919WF14	10-22	10
MS21428-42	9-1	3	MS21919WF14	10-24	2
MS21428-44	9-4	12	MS21919WF14	5-6	20
MS21571-2S	10-17	17	MS21919WF14	6-9	49
MS21919F14	5-9	13	MS21919WF16	10-20	4
MS21919F4	5-11	120	MS21919WF16	10-22	10
MS21919WCJ12	5-5	54	MS21919WF16	10-24	8
MS21919WCJ12	6-4	27	MS21919WF16	10-24.1	3
MS21919WCJ14	10-22	4	MS21919WF16	11-1	16
MS21919WCJ14	5-5	14	MS21919WF16	5-5	15
MS21919WCJ14	6-3	53	MS21919WF16	5-6	21
MS21919WCJ16	10-22	5	MS21919WF16	6-1	27
MS21919WCJ16	5-5	15	MS21919WF-16	5-12	280
MS21919WCJ16	6-4	26	MS21919WF18	5-6	26
MS21919WCJ18	5-5	20	MS21919WF18	6-9	48
MS21919WCJ3	6-4	20	MS21919WF-18	5-12	290
MS21919WCJ4	5-11	120	MS21919WF4	11-1	28
MS21919WCJ4	6-3	52	MS21919WF4	5-10	6
MS21919WCJ6	6-1.1	134	MS21919WF4	5-5	39
MS21919WCJ6	6-4	28	MS21919WF4	5-6	32
MS21919WCJ8	5-5	26	MS21919WF8	10-20	3
MS21919WCJ8	5-5	47	MS21919WF8	10-22	10

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS21919WF8	10-24	3	MS24665-153	9-6	38
MS21919WF8	10-24.1	14	MS24665-153	9-7.1	31
MS21919WF8	11-1	22	MS24665-155	9-15	14
MS21919WF8	9-2	46	MS24665-300	9-1	35
MS21919WF8	9-2	56	MS24665-300	9-12	28
MS2191WCJ8	6-1	106	MS24665-300	9-14	43
MS24523-21	10-1	26	MS24665-302	5-8	61
MS24524-31	10-9	1	MS24665-302	9-12	34
MS24524-31	10-9	1	MS24665-323	9-14	54
MS24525-31	10-1	21	MS24665-357	9-14	67
MS24525-31	10-2	21	MS24665-389	9-14	67
MS24525-31	10-3	21	MS24665-88	6-8	8
MS24525-31	10-4	21	MS24677-49	8-3	53
MS24566-2B	9-14	39	MS24677-52	8-3	49
MS24665-1010	6-7.2	6	MS24677-52	8-3	54
MS24665-1013	6-3	65	MS246935287FLTH	8-3	—
MS24665-1013	9-13	8	MS24693BB52	App A	—
MS24665-1013	9-14	18	MS24693-BB52	10-1	—
MS24665-1013	9-15	33	MS24693-BB52	10-1	—
MS24665-105	6-8	8	MS24693-BB52	10-1	—
MS24665-151	10-33	4	MS24693-BB52	10-1	—
MS24665-151	11-5	200	MS24693-BB52	10-1	—
MS24665-151	3-2	—	MS24693-BB52	10-1	—
MS24665-151	5-9	7	MS24693-BB52	10-2	—
MS24665-151	6-1	86	MS24693-BB52	10-2	—
MS24665-151	6-8	25	MS24693-BB52	10-2	—
MS24665-151	9-13	27	MS24693-BB52	10-2	—
MS24665-151	9-15	22	MS24693-BB52	10-2	—
MS24665-151	9-8	25	MS24693-BB52	10-2	—
MS24665-152	3-6.1	90	MS24693-BB52	10-2	—
MS24665-153	5-9	7	MS24693-BB52	10-2	—
MS24665-153	6-6	12	MS24693-BB52	10-2	—
MS24665-153	6-7	15	MS24693-BB52	10-2	—
MS24665-153	6-7	20	MS24693-BB52	10-2	—
MS24665-153	9-11	10	MS24693-BB52	10-2	—
MS24665-153	9-2	6	MS24693-BB52	10-3	—
MS24665-153	9-5	10	MS24693-BB52	10-3	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS24693-BB52	10-3	—	MS24693-S50	9-7.1	10
MS24693-BB52	10-3	—	MS24693-S50	9-7.2	8
MS24693-BB52	10-3	—	MS24693-S50	9-7.2	10
MS24693-BB52	10-3	—	MS24693-S51	3-2	—
MS24693-BB52	10-3	—	MS24694-47	3-6	490
MS24693-BB52	10-3	—	MS24694-51	3-21	—
MS24693-BB52	10-3	—	MS24694-51	3-6	250
MS24693-BB52	10-3	—	MS24694-51	3-6	440
MS24693-BB52	10-3	—	MS24694-51	3-6	520
MS24693-BB52	10-4	—	MS24694-51	3-6	900
MS24693-BB52	10-4	—	MS24694-S11	6-5	16
MS24693-BB52	10-4	—	MS24694-S13	11-1	46
MS24693-BB52	10-4	—	MS24694-S301	5-2	290
MS24693-BB52	10-4	—	MS24694-S49	10-13	18
MS24693-BB52	10-4	—	MS24694-S52	3-6.1	230
MS24693-BB52	10-4	—	MS24694S51	5-1	—
MS24693-BB52	10-4	—	MS24694S51	App A	—
MS24693-BB52	App A	—	MS24694-S51	3-15	11
MS24693S24	App A	—	MS24694-S51	3-6	250
MS24693-S24	10-36	2	MS24694-S51	3-6	900
MS24693-S24	10-37	20	MS24694-S51	App A	—
MS24693-S24	10-4	24	MS24694S54	App A	—
MS24693-S24	3-8	29	MS24694-S54	10-12	10
MS24693-S24	App A	—	MS24694-S54	10-13	14
MS24693-S27	3-22	310	MS24694-S54	App A	—
MS24693-S27	3-8	28	MS24694S55	App A	—
MS24693-S272	3-19	14	MS24694-S55	10-16	5
MS24693-S273	3-6.1	270	MS24694-S55	App A	—
MS24693S275	App A	—	MS24694S56	App A	—
MS24693-S275	10-17	31	MS24694-S56	10-16	15
MS24693-S275	App A	—	MS24694-S56	5-2	90
MS24693-S287	8-3	—	MS24694-S56	App A	—
MS24693-S294	5-1	9A	MS24694S58	App A	—
MS24693-S48	6-5	5	MS24694-S58	3-15	10
MS24693-S48	6-5	6	MS24694-S58	5-2	755
MS24693-S49	4-5	19	MS24694-S58	10-13	14
MS24693-S50	9-7.1	8	MS24694-S58	App A	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS24694-S7	11-5	110	MS27039-1-07	6-3	9
MS24694-S7	6-5	12	MS27039-1-07	6-3	9
MS24694-S94	App A	—	MS27039-1-08	10-17	2
MS24694-S94	5-1	9	MS27039-1-08	11-6	20
MS24694-S94	App A	—	MS27039-1-08	3-19	10
MS24694-S95	App A	—	MS27039-1-08	3-2	24
MS24694-S95	5-4	21	MS27039-1-08	3-21	—
MS24694-S95	App A	—	MS27039-1-08	3-6.1	200
MS25182-2	10-12	21	MS27039-1-08	5-11	260
MS25182-2	10-13	31	MS27039-1-08	5-8	22
MS25182-2	10-15	4	MS27039-1-08	5-8	54
MS25226-6-4	10-18	—	MS27039-1-08	5-8	90
MS26574-1	10-16	18	MS27039-1-08	6-11	6
MS26574-1	10-16	19	MS27039-1-08	6-12	6
MS26574-10	10-2	28	MS27039-1-09	10-16	13
MS26574-10	10-5	4	MS27039-1-09	10-16	21
MS26574-10	10-6	4	MS27039-1-09	10-33	14
MS26574-2	10-16	18	MS27039-1-09	3-17	13
MS26574-2	10-16	18	MS27039-1-09	3-6.1	270
MS26574-2	10-5	1	MS27039-1-09	5-2	780
MS26574-2	10-6	1	MS27039-1-09	5-2	810
MS26574-3	10-5	2	MS27039-1-10	6-3	2
MS26574-3	10-6	2	MS27039-1-10	6-3	37
MS26574-5	10-16	19	MS27039-1-10	6-3	39
MS26574-5	10-5	3	MS27039-1-11	10-16	2
MS26574-5	10-6	3	MS27039-1-11	10-16	9
MS27039-0806	10-18	39	MS27039-1-11	10-17	10
MS27039-0806	10-23.1	20	MS27039-1-11	10-18	24
MS27039-0806	6-2	8	MS27039-1-11	3-12	12
MS27039-0807	6-2	3	MS27039-1-11	3-17	14
MS27039-0807	6-8	22	MS27039-1-11	5-2	690
MS27039-0808	11-5	300	MS27039-1-12	6-3	42
MS27039-0808	3-2	22	MS27039-1-14	6-11	8
MS27039-1-06	6-3	6	MS27039-1-14	6-12	8
MS27039-1-07	10-17	24	MS27039-1-16	3-15	7
MS27039-1-07	6-2	8	MS27039-1-16	5-2	750
MS27039-1-07	6-3	3	MS27039-1-17	3-14	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS27212-3-4	10-18	—	MS28042-1A	10-1	—
MS27473E14B15S	10-4	—	MS28042-1A	10-1	—
MS27473E14B15SB	10-4	—	MS28042-1A	10-1	—
MS27473E14B18S	10-26	—	MS28042-1A	10-1	—
MS27473E14B18SA	10-4	—	MS28042-1A	10-1	—
MS27473E16B99S	10-4	—	MS28042-1A	10-1	—
MS27473E16B99SA	10-4	—	MS28042-1A	10-2	—
MS27473E16B99SB	10-4	—	MS28042-1A	10-2	—
MS27473E16B99SC	10-4	—	MS28042-1A	10-2	—
MS27488-16	10-4	—	MS28042-1A	10-2	—
MS27488-16	10-4	—	MS28042-1A	10-2	—
MS27488-16	10-4	—	MS28042-1A	10-2	—
MS27488-16	10-4	—	MS28042-1A	10-2	—
MS27488-16	10-4	—	MS28042-1A	10-2	—
MS27488-20	10-26	—	MS28042-1A	10-2	—
MS27488-20	10-4	—	MS28042-1A	10-26	—
MS27488-20	10-4	—	MS28042-1A	10-3	—
MS27488-20	10-4	—	MS28042-1A	10-3	—
MS27488-20	10-4	—	MS28042-1A	10-3	—
MS27488-20	10-4	—	MS28042-1A	10-3	—
MS27488-20	10-4	—	MS28042-1A	10-3	—
MS27488-20	10-4	—	MS28042-1A	10-3	—
MS27488-20	10-4	—	MS28042-1A	10-3	—
MS27506B14-2	10-26	—	MS28042-1A	10-3	—
MS27506B14-2	10-4	—	MS28042-1A	10-3	—
MS27506B14-2	10-4	—	MS28042-1A	10-4	—
MS27506B14-2	10-4	—	MS28042-1A	10-4	—
MS27506B16-2	10-4	—	MS28042-1A	10-4	—
MS27506B16-2	10-4	—	MS28042-1A	10-4	—
MS27506B16-2	10-4	—	MS28042-1A	10-4	—
MS27506B16-2	10-4	—	MS28042-1A	10-4	—
MS27641-6	9-1	12	MS28042-1A	10-4	—
MS27641-6	9-1	12	MS28042-2A	10-2	—
MS27641-6	9-1	12	MS28042-2A	10-2	—
MS27718-22-1	9-6	27	MS28042-2A	10-2	—
MS27718-22-1	9-7.1	12	MS28042-2A	10-3	—
MS27718-22-1	9-7.2	12	MS28042-2A	10-3	—
MS28034-3	6-9	7	MS28042-2A	10-3	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS28042-2A	10-4	—	MS28778-8	6-1	2
MS28775-008	7-11	12	MS28778-8	6-1	4
MS28775-013	7-9	—	MS28778-8	6-1	12
MS28775-014	5-8	20	MS28778-8	6-9	12
MS28775-015	4-4	30	MS28778-8	6-9	18
MS28775-018	7-11	4	MS28778-8	7-8	16
MS28775-020	5-8	10	MS28778-8	7-8.1	13
MS28775-024	8-2	21	MS28778-8	7-9	—
MS28775-029	7-9	21	MS28889-2	4-4	29
MS28775-111	9-15	37	MS29512-04	5-12	—
MS28775-113	5-8	11	MS29512-4	6-1	26
MS28775-113	7-11	8	MS29513-010	5-8	53
MS28775-131	4-4	15	MS29513-012	5-7	2
MS28775-218	4-4	5	MS29513-017	5-7	8
MS28775-233	5-1	32	MS29513-020	5-8	35
MS28778-10	6-1	6	MS29513-020	5-8	76
MS28778-10	6-9	20	MS29513-110	5-7	2
MS28778-10	7-8	—	MS29513-116	5-7	6
MS28778-10	7-8.1	—	MS29561-226	6-9	—
MS28778-12	5-12	340	MS29561-232	5-1	—
MS28778-12	5-7	13	MS3106F12-10S	10-1	—
MS28778-12	6-1	44	MS3106F12-10S	10-2	—
MS28778-12	6-9	16	MS3106F12-10S	10-3	—
MS28778-12	6-9	22	MS3106F12-10S	10-3	—
MS28778-2	7-11	6	MS3106F12-10SW	10-1	—
MS28778-3	7-11	2	MS3106F12-10SW	10-2	—
MS28778-3	7-8	33	MS3106F12-10SW	10-3	—
MS28778-4	6-9	8	MS3115-10A	10-12	7
MS28778-4	6-9	25	MS3115-10A	10-13	4
MS28778-4	7-8	23	MS3116F8-33S	10-27	16
MS28778-4	7-8	33	MS3126F10-6S	10-12	23
MS28778-4	7-8.1	20	MS3126F10-6S	10-13	33
MS28778-4	7-8.1	30	MS3126F10-6S	10-15	3
MS28778-4	7-9	13	MS3126F10-6S	10-2	—
MS28778-6	6-4	—	MS3126F10-6S	10-2	—
MS28778-6	6-9	14	MS3126F10-6S	10-3	—
MS28778-6	7-9	27	MS3126F12-10S	10-1	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS3126F12-10S	10-18	40	MS35206-244	11-2	10
MS3126F12-10S	10-2	—	MS35206-244	11-2	26
MS3126F12-10S	10-2	—	MS35206-244	5-5	48
MS3126F12-10S	10-2	—	MS35206-244	9-7.1	23
MS3126F12-10S	10-2	—	MS35206-244	9-7.2	23
MS3126F12-10S	10-23.1	—	MS35206-245	11-1	17
MS3126F12-10S	10-3	—	MS35206-245	3-2	—
MS3126F12-10S	10-3	—	MS35206-245	3-2	—
MS3126F12-10S	10-4	—	MS35206-245	3-2	—
MS3126F14-15S	10-25	9	MS35206-245	5-11	200
MS3126F14-15S	10-26	10	MS35206-245	5-8	88
MS3187A20	10-23.1	—	MS35206-245	6-1	81
MS33737-16C	10-3	—	MS35206-245	6-1	108
MS33737-16C	10-3	—	MS35206-245	6-12	9
MS33737-16C	10-4	—	MS35206-245	6-3	54
MS33737-16C	10-4	—	MS35206-245	6-4	19
MS3417-14C	10-22	3	MS35206-245	6-4	5
MS3420-4	5-12	180	MS35206-246	10-24.1	4
MS3456KT14S-5S	10-22	2	MS35206-246	3-2	—
MS3476L20-16S	10-18	—	MS35206-246	3-2	—
MS35206-203	11-4	3	MS35206-246	3-2	—
MS35206-211	9-3	—	MS35206-246	3-2	—
MS35206-225	9-6	18	MS35206-246	5-11	30
MS35206-225	9-6	32	MS35206-246	5-12	250
MS35206-225	9-7	18	MS35206-246	5-5	16
MS35206-225	9-7	26	MS35206-246	5-5	52
MS35206-225	9-7.1	24	MS35206-246	6-3	30
MS35206-225	9-7.2	24	MS35206-246	6-4	14
MS35206-227	10-4	—	MS35206-247	5-12	300
MS35206-228	11-6	150	MS35206-247	6-1	29
MS35206-230	11-5	210	MS35206-248	7-3	27
MS35206-230	3-22	210	MS35206-321	10-23	11
MS35206-232	11-5	250	MS35206-325	6-8	15
MS35206-243	11-1	42	MS35207-225	10-33	17
MS35206-243	6-1.1	—	MS35207-245	6-1	63
MS35206-244	10-30	2	MS35207-263	10-19	3
MS35206-244	11-1	37	MS35207-263	10-23	5

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS35207-263	10-25	8	MS35215-58	10-3	—
MS35207-263	10-26	9	MS35215-58	10-3	—
MS35207-263	6-12	6	MS35215-58	10-3	—
MS35207-265	5-4	28	MS35215-58	10-4	—
MS35214-15	9-7.1	19	MS35215-58	10-4	—
MS35214-15	9-7.2	19	MS35215-58	10-4	—
MS35214-15	10-4	—	MS35215-58	10-4	—
MS35214-40	10-4	40	MS35215-58	10-4	—
MS35214-41	10-4	36	MS35215-58	10-4	—
MS35214-44	10-26	14	MS35215-58	10-4	—
MS35215-58	10-1	—	MS35215-58	10-4	—
MS35215-58	10-1	—	MS35265-15	7-9	—
MS35215-58	10-1	—	MS35333-40	10-33	—
MS35215-58	10-1	—	MS35333-40	10-38	50
MS35215-58	10-1	—	MS35333-40	11-1	25
MS35215-58	10-1	—	MS35333-40	11-3	—
MS35215-58	10-2	—	MS35333-40	11-5	260
MS35215-58	10-2	—	MS35333-40	3-2	—
MS35215-58	10-2	—	MS35333-40	3-2	—
MS35215-58	10-2	—	MS35333-40	4-5	15
MS35215-58	10-2	—	MS35333-40	5-5	53
MS35215-58	10-2	—	MS35333-41	10-33	—
MS35215-58	10-2	—	MS35333-42	3-6.2	—
MS35215-58	10-2	—	MS35333-44	5-9	9
MS35215-58	10-2	—	MS35333-75	6-4	11
MS35215-58	10-2	—	MS35338-136	10-33	—
MS35215-58	10-2	—	MS35338-139	10-17	7
MS35215-58	10-2	—	MS35338-244	5-5	50
MS35215-58	10-26	13	MS35338-41	10-24.1	10
MS35215-58	10-3	—	MS35338-42	10-38	90
MS35215-58	10-3	—	MS35338-42	5-11	40
MS35215-58	10-3	—	MS35338-42	5-11	90
MS35215-58	10-3	—	MS35338-42	5-11	140
MS35215-58	10-3	—	MS35338-42	6-1	32
MS35215-58	10-3	—	MS35338-42	6-1	74
MS35215-58	10-3	—	MS35338-42	6-1.1	—
MS35215-58	10-3	—	MS35338-99	10-4	38

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MS35489-10	3-2	—	MS35769-11	7-9	24
MS35489-10	3-2	—	MS35769-6	7-8	6
MS35489-10	3-2	—	MS35769-6	7-8.1	3
MS35489-10	5-12	140	MS35769-9	7-11	10
MS35489-14	3-2	—	MS35842-13	7-9	—
MS35489-14	3-2	—	MS51521B8S	11-1	5
MS35489-14	5-5	11	MS51521B8S	6-1	—
MS35489-14	5-5	36	MS51525-6-4	7-9	11
MS35489-14	5-6	17	MS51525B3S	7-1.1	220
MS35489-14	7-7	7	MS51525B4S	7-8	24
MS35489-15	7-7	6	MS51525B4S	7-8.1	21
MS35489-17	3-2	—	MS51525B4S	7-9	16
MS35489-17	3-2	—	MS51527A65	6-4	38
MS35489-18	10-13	30	MS51527A6S	6-4	1
MS35489-20	3-2	—	MS51527A-6S	6-3	10
MS35489-20	3-8	35	MS51527B3S	7-1.1	240
MS35489-20	5-5	37	MS51527B4S	7-9	16
MS35489-20	5-6	43	MS51844-83	9-14	38
MS35489-4	10-24.2	7	MS51861-14	11-5	190
MS35489-6	10-21	3	MS51861-24	4-2	—
MS35489-7	5-6	42	MS51861-35	4-2	—
MS35489-7	7-7	7	MS51862-14	3-22	270
MS35490-1	10-4	42	MS51862-14	6-1.1	400
MS35649-2314	6-4	12	MS51922-1	3-5	20
MS35649-262	10-24.1	8	MS51922-1	3-6.2	50
MS35649-282	10-24.1	5	MS51957-26	10-36	5
MS35649-282	10-38	100	MS51957-26	10-37	40
MS35649-282	5-11	60	MS51957-26	11-6	—
MS35649-282	5-11	110	MS51957-26	11-6	—
MS35649-282	5-11	160	MS51957-26	11-6	—
MS35649-282	6-1	31	MS51958-26	10-33	17
MS35649-282	6-1	82	MS5198-26	10-33	14
MS35649-282	6-1.1	—	MS9101-03	6-1	28
MS35649-282	6-4	15	MS9101-03	6-1.1	136
MS35649-282	9-12	39	MS9135-01	6-1	55
MS35649-286	10-4	39	MS995C32	App A	—
MS35769-11	7-8	4	MTP5S-E6-C	5-12	240

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
MTP-J-F	10-25	–	NAS1033A3	10-13	5
MTP-J-F	10-25	–	NAS1068-4	9-14	31
MTP-J-F	10-26	–	NAS1068A3	10-18	4
MTP-J-F	10-26	–	NAS1068A3	3-2	26
MTP-J-M	10-25	10	NAS1068A3	5-2	480
MTP-J-M	10-26	11	NAS1068A3	5-2	520
N5000-175-PP	7-11	20	NAS1068A3	6-3	43
N5000-187-S-PP	7-10	8	NAS1068A3	6-3	48
N5000-187-S-PP	7-2	8	NAS1068-A3	5-8	24
N5000-187-S-PP	7-2	8	NAS1068-A3	5-8	56
N5000-206-PP	7-11	15	NAS1068-A3	5-8	92
N5000-62-PP	9-3	6	NAS1068-A3	6-9	27
N5000-87-PP	9-3	14	NAS1068A4	10-18	–
N5002-100	8-7	10	NAS1096-2-10	5-8	5
N5002-125-PP	9-11	4	NAS1096-2-10	5-8	31
N5002-268-PP	9-15	10	NAS1096-2-10	5-8	72
N5002-354-S-PP	7-6	13	NAS1096-2-8	5-8	72
N5002-354-S-PP	7-6.1	12	NAS1097AD3-3	6-9	28
N500-268-S-PP	7-1	30	NAS1097AD3-4	11-2	19
N5100-118	6-10	7	NAS1097AD3-5	3-18	–
N5100-137-S-PP	7-1	7	NAS1097AD4-4	10-13	3
N5100-137-S-PP	7-1.1	18	NAS1101-08-6	6-11	5
N5100-78-S-PP	7-1	21	NAS1101-08-6	6-12	5
N5100-98-S-PP	7-2	9	NAS1103-11	3-17	8
N5100-98-S-PP	7-2	9	NAS1104-9D	9-2	7
N5108-56-PP	9-3	20	NAS1149BN832H	10-4	37
NAJ1-02BC	3-13	24	NAS1149C0332R	6-1	80
NAJ1-02BC	3-2	–	NAS1149C0332R	6-6	23
NAJ1-62	3-8	23	NAS1149C0332R	6-8	6
NAJ1-82	5-8	2	NAS1149C0363R	3-4	140
NAJ1-82	5-8	28	NAS1149C0363R	3-4	200
NAJ1-82	5-8	69	NAS1149C0363R	6-8	24
NAJ1-82	6-12	–	NAS1149C0432R	3-18	34
NAJ1-82-BC	10-28	17	NAS1149C0432R	3-23	490
NAS 6203-17H	9-10	7	NAS1149C0432R	6-1	20
NAS1024N08K	4-5	–	NAS1149C0432R	6-8	20
NAS1024N08K	4-5	–	NAS1149C0432R	7-1	17

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS1149C0432R	9-15	36	NAS1149D0463H	6-9	38
NAS1149C0463R	5-1	—	NAS1149D0463H	9-14	15
NAS1149C0463R	9-15	36	NAS1149D0463H	9-14	16
NAS1149C0463R	9-15	40	NAS1149D0463H	9-2	8
NAS1149C0563R	6-1	56	NAS1149D0463J	3-16	12
NAS1149C0563R	7-5	29	NAS1149D0463J	3-22	—
NAS1149C0632R	3-17	27	NAS1149D0463J	7-6	17
NAS1149C0632R	3-17	33	NAS1149D0463J	7-6.1	16
NAS1149C1290R	8-3	39	NAS1149D0563H	8-1	3
NAS1149D0316H	10-33	—	NAS1149D0563H	8-2	3
NAS1149D0316H	3-2	—	NAS1149D0563H	8-3	52
NAS1149D0316H	3-2	25	NAS1149D0616H	9-1	33
NAS1149D0316H	3-21	—	NAS1149D0663H	8-3	44
NAS1149D0316H	3-9	10A	NAS1149D0663H	9-1	32
NAS1149D0316H	6-8	18	NAS1149DN816H	10-33	8
NAS1149D0316H	9-4	21	NAS1149DN816J	7-3	28
NAS1149D0316H	9-4	7	NAS1149DN816J	8-1	18
NAS1149D0316J	3-17	9	NAS1149DN816J	8-2	18
NAS1149D0316J	3-6.1	210	NAS1149DN832H	3-2	23
NAS1149D0316J	3-6.1	240	NAS1149DN832H	8-3	36
NAS1149D0316J	3-8	22	NAS1149DN832H	8-3	4
NAS1149D0363H	10-33	—	NAS1149F0332P	10-13	19
NAS1149D0363H	10-33	—	NAS1149F0332P	10-22	14
NAS1149D0363H	11-2	16	NAS1149F0332P	11-1	30
NAS1149D0363H	11-2	31	NAS1149F0332P	3-12	13
NAS1149D0363H	6-8	18	NAS1149F0332P	3-19	15
NAS1149D0363H	6-9	30	NAS1149F0332P	3-8	8
NAS1149D0363H	9-1	21	NAS1149F0332P	3-9	10
NAS1149D0363J	10-13	15	NAS1149F0332P	4-2	28
NAS1149D0363J	6-1.1	415	NAS1149F0332P	4-4	19
NAS1149D0363J	7-3	3	NAS1149F0332P	5-2	100
NAS1149D0416H	11-5	220	NAS1149F0332P	5-2	140
NAS1149D0416H	5-1	5	NAS1149F0332P	5-2	180
NAS1149D0416H	9-14	15	NAS1149F0332P	5-2	240
NAS1149D0416H	9-2	4	NAS1149F0332P	5-5	57
NAS1149D0463H	11-5	16	NAS1149F0332P	6-10	10
NAS1149D0463H	11-5	230	NAS1149F0332P	6-10	14

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS1149F0332P	6-10	16	NAS1149F0363P	6-10	16
NAS1149F0332P	6-10	20	NAS1149F0363P	6-10	4
NAS1149F0332P	6-11	25	NAS1149F0363P	6-10	4
NAS1149F0332P	6-11	7	NAS1149F0363P	6-1.1	430
NAS1149F0332P	6-12	7	NAS1149F0363P	6-2	9
NAS1149F0332P	6-6	10	NAS1149F0363P	6-9	4
NAS1149F0332P	6-9	4	NAS1149F0363P	7-3	34
NAS1149F0332P	6-9	32	NAS1149F0363P	7-9	5
NAS1149F0332P	7-1.1	110	NAS1149F0363P	8-3	30
NAS1149F0332P	7-3	18	NAS1149F0363P	9-14	41A
NAS1149F0332P	7-9	5	NAS1149F0363P	9-14	46
NAS1149F0332P	8-3	31	NAS1149F0432P	3-8	4
NAS1149F0332P	9-12	37	NAS1149F0432P	3-8	12
NAS1149F0332P	9-14	26	NAS1149F0432P	3-10	11
NAS1149F0332P	9-14	41	NAS1149F0432P	3-12	4
NAS1149F0332P	9-15	5	NAS1149F0432P	3-16	16
NAS1149F0332P	9-2	43	NAS1149F0432P	3-22	250
NAS1149F0332P	9-2	53	NAS1149F0432P	3-6.1	130
NAS1149F0332P	9-4	31	NAS1149F0432P	3-9	3
NAS1149F0332P	9-7.1	29	NAS1149F0432P	4-1	11
NAS1149F0363P	10-13	22	NAS1149F0432P	4-1	30
NAS1149F0363P	10-13	26	NAS1149F0432P	4-2	9
NAS1149F0363P	3-10	7	NAS1149F0432P	5-1	35
NAS1149F0363P	3-12	14	NAS1149F0432P	5-2	310
NAS1149F0363P	3-18	23	NAS1149F0432P	6-1	20
NAS1149F0363P	3-18	46	NAS1149F0432P	6-10	24
NAS1149F0363P	3-23	430	NAS1149F0432P	7-8.2	75
NAS1149F0363P	3-8	16	NAS1149F0432P	9-12	16
NAS1149F0363P	4-6	13	NAS1149F0432P	9-13	6
NAS1149F0363P	5-12	40	NAS1149F0432P	9-15	29
NAS1149F0363P	5-2	700	NAS1149F0432P	9-2	2
NAS1149F0363P	5-2	760	NAS1149F0463P	3-8	4
NAS1149F0363P	5-2	790	NAS1149F0463P	3-18	32
NAS1149F0363P	5-2	820	NAS1149F0463P	3-18	42
NAS1149F0363P	5-8	91	NAS1149F0463P	3-23	370
NAS1149F0363P	6-1	36	NAS1149F0463P	4-1	22
NAS1149F0363P	6-1	85	NAS1149F0463P	4-1	4

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS1149F0463P	4-2	11	NAS1149F0663P	3-1	370
NAS1149F0463P	4-6	3	NAS1149F0663P	3-1	400
NAS1149F0463P	5-12	90	NAS1149F0663P	3-18	5
NAS1149F0463P	6-10	24	NAS1149F0663P	3-18	14
NAS1149F0463P	8-5	16	NAS1149F0663P	3-23	100
NAS1149F0463P	9-13	25	NAS1149F0663P	4-1	14
NAS1149F0463P	9-15	31	NAS1149F0663P	4-2	20
NAS1149F0532P	4-3	7	NAS1149F0663P	4-3	3
NAS1149F0532P	4-4	23	NAS1149F0663P	7-6	21
NAS1149F0532P	4-3	9	NAS1149F0663P	7-6.1	20
NAS1149F0532P	6-1	92	NAS1149F0663P	9-12	26
NAS1149F0532P	6-1	94	NAS1149F0732P	9-11	8
NAS1149F0532P	7-2	12	NAS1149F0763P	5-2	420
NAS1149F0532P	8-1	6	NAS1149F0863P	6-1	39
NAS1149F0532P	8-2	6	NAS1149F0963P	6-3	15
NAS1149F0532P	9-13	26	NAS1149F0963P	6-4	32
NAS1149F0532P	9-15	20	NAS1149FN316P	3-2	—
NAS1149F0563	9-13	21	NAS1149FN616P	10-24.1	9
NAS1149F0563P	3-10	19	NAS1149FN616P	10-4	—
NAS1149F0563P	4-1	27	NAS1149FN616P	3-22	280
NAS1149F0563P	4-1	8	NAS1149FN632P	4-4	12
NAS1149F0563P	4-2	13	NAS1149FN816P	10-24.1	6
NAS1149F0563P	4-2	18	NAS1149FN816P	10-38	80
NAS1149F0563P	4-6	6	NAS1149FN816P	11-1	18
NAS1149F0563P	6-1	94	NAS1149FN816P	11-5	280
NAS1149F0563P	6-1	102	NAS1149FN816P	3-2	—
NAS1149F0563P	7-6	4	NAS1149FN816P	3-2	—
NAS1149F0563P	7-6	4	NAS1149FN816P	3-2	—
NAS1149F0563P	7-6	4	NAS1149FN816P	3-2	—
NAS1149F0563P	7-6.1	4	NAS1149FN816P	3-2	—
NAS1149F0563P	8-1	6	NAS1149FN816P	3-2	—
NAS1149F0563P	8-2	6	NAS1149FN816P	5-2	450
NAS1149F0632P	4-3	5	NAS1149FN816P	5-5	17
NAS1149F0632P	9-12	21	NAS1149FN816P	5-5	49
NAS1149F0663P	3-1	220	NAS1149FN816P	5-8	74
NAS1149F0663P	3-1	320	NAS1149FN816P	6-1	33
NAS1149F0663P	3-1	350	NAS1149FN816P	6-1.1	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS1149FN816P	6-1.1	240	NAS1611-025	8-5	4
NAS1149FN816P	6-12	10	NAS1611-025	8-5	11
NAS1149FN816P	6-3	55	NAS1611-029	8-3	14
NAS1149FN816P	6-4	16	NAS1611-133	8-3	15
NAS1149FN816P	6-4	6	NAS1611-137	8-5	15
NAS1149FN816P	6-9	51	NAS1612-10	7-8.1	—
NAS1149FN816P	9-14	64	NAS1612-10	8-5	24
NAS1149FN832P	11-1	38	NAS1612-2	7-5	9
NAS1149FN832P	11-2	13	NAS1612-2	8-5	25
NAS1149FN832P	11-2	29	NAS1612-2	App A	—
NAS1149FN832P	5-11	50	NAS1612-2A	7-1	14
NAS1149FN832P	5-11	100	NAS1612-2A	7-5	9
NAS1149FN832P	5-11	150	NAS1612-2A	8-2	33
NAS1149FN832P	5-12	320	NAS1612-2A	8-5	25
NAS1149FN832P	6-1	75	NAS1612-2A	App A	—
NAS1149FN832P	6-1	110	NAS1612-8	7-5	6
NAS1149FN832P	6-2	9	NAS1612-8	App A	—
NAS1149FN832P	6-3	31	NAS1612-8A	7-5	6
NAS1149FN832P	6-4	17	NAS1612-8A	App A	—
NAS1149FN832P	8-1	33	NAS1833-08-500	10-23.1	30
NAS1149FN832P	8-2	38	NAS1833-3-500	5-2	120
NAS1204-40D	9-2	13	NAS1833-3-500	5-2	210
NAS1306-8	3-1	210	NAS1833-3-500	5-2	280
NAS1351-3H32	7-9	22	NAS1833-3-500	5-2	370
NAS1351-4-20P	3-8	13	NAS1834A3-500	5-2	730
NAS1351C3H8	10-18	2	NAS1834A3K500	5-3	735
NAS1351C3H8	10-19	—	NAS1922-0100-3	5-5	4
NAS1352-08H6	5-8	79	NAS1922-0150-3	4-5	—
NAS144DH-10	7-3	8	NAS1922-0150-3	4-5	—
NAS144DH-12	7-3	9	NAS1922-0150-3	4-5	—
NAS146DH-22	3-1	190	NAS1922-0150-3	4-5	—
NAS146DH-22	3-7	4	NAS1922-0150-3	4-5	—
NAS146DH-24	3-1	110	NAS1922-0150-3	4-5	—
NAS146DH-24	3-7	2	NAS1922-0175-3	4-5	—
NAS1474-A3	6-3	45	NAS1922-0175-3	4-5	—
NAS1474-A3	6-3	47	NAS1922-0175-3	4-5	—
NAS1523-4E	7-8.2	60	NAS1922-0175-3	4-5	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS1922-0175-3	4-5	—	NAS6204-11D	9-2	1
NAS1922-0175-3	4-5	—	NAS6204-11D	9-2	59
NAS1922-0225-3	5-5	10	NAS6204-11D	9-8	22
NAS1922-0275-3	7-1.1	60	NAS6204-12D	9-5	6
NAS1922-0350-3	6-2	11	NAS6204-14D	9-2	38
NAS1922-0700-3	6-3	20	NAS6204-16D	9-14	20
NAS1922-0925-3	6-3	21	NAS6204-16D	9-2	30
NAS1922-100-3	6-1	47	NAS6204-21D	9-2	10
NAS428K4-10	9-14	29	NAS6204-22	3-16	13
NAS428K4A10	9-14	29	NAS6204-26D	9-14	19
NAS509-12	6-1	103	NAS6204-26D	9-2	31
NAS509-12	7-4	23	NAS6204-46D	9-5	16
NAS509-12	7-5	26	NAS6204-5	3-16	11
NAS509-8	8-5	19	NAS6204-5	3-22	—
NAS559-3	8-5	18	NAS6204-9	3-12	3
NAS617-2	10-26	—	NAS6204-9D	9-14	14
NAS617-3	6-1	10	NAS6205-12D	9-5	23
NAS617-5	6-1	8	NAS6205-4H	6-1	101
NAS620-10	6-12	27	NAS6206-23D	9-1	30
NAS620-10	6-9	32	NAS6206-24D	9-1	30
NAS6203-10D	6-6	21	NAS6206-32D	9-12	20
NAS6203-13D	6-7	16	NAS6206-58	3-1	390
NAS6203-14D	6-6	9	NAS6206-58	4-1	13
NAS6203-14D	6-7	11	NAS620-6L	9-4	—
NAS6203-14D	9-7.1	28	NAS626-58	8-6	1
NAS6203-2	9-1	20	NAS6603-1	10-13	21
NAS6203-27	9-8	1	NAS6603-1	6-3	33
NAS6203-38	9-8	12	NAS6603-1	9-2	47
NAS6203-6	9-2	42	NAS6603-1	9-2	57
NAS6203-6	9-2	52	NAS6603-10	6-1.1	410
NAS6203-6	9-4	6	NAS6603-12	10-13	25
NAS6203-7D	6-8	5	NAS6603-12	4-4	18
NAS6203-8D	6-8	23	NAS6603-12	6-10	19B
NAS6203-9D	6-6	13	NAS6603-12	9-4	30
NAS6203-9D	9-6	39	NAS6603-14	8-3	29
NAS6203-9D	9-7.1	32	NAS6603-2	3-8	15
NAS6204-11D	6-8	19	NAS6603-4	3-23	560

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS6603-4	4-2	26	NAS6604-56	4-1	21
NAS6603-4	6-10	19A	NAS6604-56	4-2	22
NAS6603-4	6-3	23	NAS6604-7	6-10	23
NAS6603-4	6-9	33	NAS6604-9	3-23	390
NAS6603-4	7-9	7	NAS6604-9	3-8	3
NAS6603-6	6-9	3	NAS6604D15	9-15	28
NAS6603-6	7-9	4	NAS6604D15	9-15	38
NAS6603-8	6-10	13	NAS6604H1	9-12	17
NAS6603-8	6-9	29	NAS6604H19	8-5	28
NAS6603-8	7-9	4	NAS6604H2	5-1	31
NAS66032	3-23	440	NAS6604H9	8-5	17
NAS66032	6-11	24	NAS6605-15	6-1	93
NAS66032	6-12	26	NAS6605-19	4-2	12
NAS66032	6-9	3	NAS6605-21	4-4	24
NAS66032	6-9	31	NAS6605-52	4-1	26
NAS66032	9-4	32	NAS6605-52	4-1	7
NAS6603D14	9-14	25	NAS6605-56	4-1	33
NAS6603D4	6-10	9	NAS6606-29	4-2	19
NAS6603D4	9-14	45	NAS6606-8	3-1	210
NAS6603D6	9-14	40	NAS686A06K	10-28	2
NAS6603H2	9-12	36	NAS686A06K	10-29	60
NAS6604-13	3-16	9	NAS686A06K	10-29	260
NAS6604-13	3-22	240	NAS686A08K	10-28	17
NAS6604-17	3-22	350	NAS686A08K	3-2	—
NAS6604-17	4-1	10	NAS686A08K	3-2	—
NAS6604-17	4-1	29	NAS686A08K	6-12	—
NAS6604-23	3-12	7	NAS686A08K	6-2	5
NAS6604-23	3-16	13	NAS686A3K	3-13	24
NAS6604-23	3-23	510	NAS686-A08K	6-1.1	—
NAS6604-25	3-12	7	NAS73-3E108	3-10	8
NAS6604-27	6-9	37	NAS73-4E002	9-14	24
NAS6604-29	6-9	41	NAS73-4E003	9-2	3
NAS6604-3	3-23	450	NAS73-4E004	9-14	27
NAS6604-48	4-2	8	NAS73-4E004	9-5	7
NAS6604-5	3-23	520	NAS73-5E003	9-5	26
NAS6604-50	4-1	24	NAS75-4-006	9-2	60
NAS6604-50	4-1	3	NAS75-6-010	4-1	16

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
NAS77-6-012	4-1	15	P4-900054	9-7.2	13
NAS77A6-007	3-10	3	PACMO-APZ21N	10-4	28
NK500-8-5	9-3	30	PACMO-APZ21N	10-4	28
NK-500-8R5	8-1	17	PAI700	10-1	13
NK-500-8R5	8-2	48	PAI700	10-2	13
NK500-8R6	App A	—	PAI700	10-3	13
NK-500-8R6	5-8	16	PAI700	10-4	13
NK-500-8R6	8-1	17	PCS111A	App A	—
NK-500-8R6	8-3	35	PCS-111A	10-24	1
NK-500-8R6	App A	—	PCS-111A	10-24.1	1
NK500-8R8	App A	—	PCS-111A	10-24.2	3
NK-500-8R8	8-2	17	PCS-111A	App A	—
NK-500-8R8	App A	—	PGZF0A0180	8-5	9
NK-510-10R10	8-1	27	PK 86XZ-8-8	6-1	22
NK-510-10R10	8-2	31	PLB2S-CO	7-8	40
NP500-8R6	App A	—	PLB2S-CO	7-8.1	36
NP-500-8R6	App A	—	PLB3S-CO	9-7.1	35
NP500-8R8	8-3	3	PLB3S-CO	9-7.2	28
NP500-8R8	App A	—	PLT.7M-MO	10-24.2	9
NP-500-8R8	App A	—	PLT1M-C71	6-1.1	145
NP5-4A	3-10	5	PLT2S	9-2	—
NP5-6A	3-10	5	PLT2S-CO	10-24.2	11
NPN	3-6.2	60	PLT4S-CO	11-4	11
NPN	5-9	6	PLT4S-CO	11-5	320
NPS24694S5	9-6	13	PR1425B1/2	3-3	19
NPS24694S5	9-6	16	PR1425B1/2	3-3	23
NPS24694S5	9-7	13	PR1425B1/2	3-3	25
NPS24694S5	9-7	16	PR1425B2	3-3	—
NPS24694S5	9-7.1	2	PR1440B1/2QT	5-2	30
NPS24694S5	9-7.2	2	PR1440B2	5-2	30
P1-112	9-1	—	PR1440B2	5-7	—
P1-90254	9-7.1	15	PWMS-H25-C	10-27	7
P1-90254	9-7.2	15	QS200-M10S	5-3	23
P261P-S1AS3CB1K	10-8	10	QS200-M10S	5-6	7
P261P-S1AS3CB1K	10-9	11	QS200-M12S	5-4	26
P4-900054	9-6	28	QS200-M24S	10-23	13
P4-900054	9-7.1	13	QS200-M28S	5-3	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
QS200-M32S	5-6	12	S-9704EC-1	11-3	2
RST-200	8-3	12	SC628ANP	10-10	—
RV8-4416	10-10	7	SC628ANP	App A	—
S10P175	10-33	15	SC628ANPR	10-10	—
S25P280	3-6.2	80	SC628ANPR	App A	—
S4-200	App A	—	SC628D	10-10	2
S500-12	10-24.1	2	SC628DR	10-10	2
S500-12	5-12	230	SC628W	10-10	3
S500-12	6-4	4	SC628W	App A	—
S500-14	6-4	27	SC628WR	10-10	3
S500-16	10-24.1	3	SC628WR	App A	—
S500-16	5-12	280	SCAT12	6-2	10
S500-18	5-12	290	SCEET12	6-2	10
S500-3	6-1	107	SD15F10JVL0	10-1	—
S500-6	6-4	28	SD15F10JVL0	10-2	—
S500-8	10-24.1	14	SD15F10JVL0	10-3	—
S500-8	6-1	106	SD15F10JVL0	10-3	—
S500-8	6-4	3	SD15F10JVL0	10-4	—
S-6424EC-1	11-3	1	SD15M10JVL0	10-1	—
S6P150	11-5	270	SD15M10JVL0	10-2	—
S83BZ-2	7-1	11	SD15M10JVL0	10-3	—
S83BZ-2	7-1.1	180	SD15M10JVL0	10-3	—
S83BZ-2	7-11	9	SD15M10JVL0	10-4	—
S8P150	10-38	40	SE25PFR-MR0	6-7.3	50
S8P150	11-3	4	SF96-20	App A	—
S8P150	3-2	—	SF96-20-PT	App A	—
S8P150	3-2	—	SJ-3526	10-35	—
S8P150	3-2	—	SJ-3526	7-7	9
S8P150	3-2	—	SJ-3527	10-35	—
S8P150	3-3	22	SJ-3527	7-7	8
S8P150	5-5	18A	SK3500	10-18	18
S8P-150	11-1	24	SL61N5F	8-7	16
S8P-150	4-5	14	SL61N5P	8-7	16
S8P-270	3-6.1	160	SL61N5P	App A	—
S-9213EC-2	11-1	1	SL61N-5P	App A	—
S-9216EC-1	6-1	11	SL61W5P	8-7	17
S-9230EC-1	11-1	3	SL61W5P	App A	—

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
SL61W-5P	App A	—	SST2S-MP	5-6	19
SM21919F8	5-5	6	SW44	11-6	130
SO-0163-9033	6-7.1	8	T14BH517BC	10-10	5
SO-0163-9033	6-7.3	20	T2-0055	9-6	29
SPDD2315	6-1	24	T2-0055	9-7	23
SPDD2405	10-27	13	T2-0055	9-7.1	16
SPDD2415	10-27	13	T2-0055	9-7.2	16
SS-094-0625	8-4	2	T3-120-1	10-28	9
SS-200-1-2SBT	10-26	6	T3-120-1	10-29	130
SS-44F	10-27	18	T4-0198	9-1	—
SS-44F	10-36	17	TF3056FR	5-2	860
SSR-0075-S17	9-6	19	TS-023	9-15	8
SST1.5I-M	10-24.2	6	TS-023	9-15	15
SST1.5IMP	10-36	—	TSP-1728	10-14	11
SST1.5I-MP	10-15	—	U2-025	9-1	—
SST1.5I-MP	10-24.2	6	V3-1	9-3	33
SST1.5I-MP	10-25	3	VC1019	6-1	50
SST1.5I-MP	10-26	3	VC-3	11-6	190
SST1.5I-MP	10-33	11	VH-175-S02	9-1	4
SST1.5I-MP	10-33	20	VH-218	7-1	6
SST1.5I-MP	10-39	70	VH-218	7-1.1	19
SST1.5I-MP	6-9	10	VH-225-S02	9-4	13
SST1M-MP	5-5	13	VH-325	7-4	4
SST1M-MP	10-24	9	VH-325	7-5	12
SST1M-MP	10-24.1	—	VH-337	7-1	15
SST1M-MP	10-24.2	2	VH-375	7-8	28
SST1M-MP	10-25	5	VH-375	7-8.1	25
SST1M-MP	10-26	5	VH-400	7-4	7
SST1M-MP	10-27	8	VH-400	7-5	4
SST1M-MP	10-36	—	VH-75	8-3	33
SST1M-MP	6-7.3	60	VH-87-S02	9-1	13
SST2S-MP	10-24.1	—	VH-87-S02	9-1	13
SST2S-MP	10-24.2	—	VH-87-S02	9-1	13
SST2S-MP	10-33	11	VI-P4T-K2	5-8	47
SST2S-MP	10-33	20	VI-P6T-K2	5-8	40
SST2S-MP	10-36	—	VI-P6T-K2	5-8	81
SST2S-MP	10-39	80	VR1528-11B	10-18	1

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
VR1528-11B	10-19	1			
VTB11350	9-11	—			
W-09	8-1	21			
W-09	8-2	25			
W-09	8-4	5			
W1283	10-31	5			
W1283	App A	—			
W1284G	App A	—			
W1284-G	10-31	6			
W1284-G	App A	—			
W1284R	App A	—			
W1284-R	10-31	6			
W1284-R	App A	—			
W129028	App A	—			
W1290-28	10-31	2			
W1290-28	App A	—			
W389CX-13	10-18	34			
W-47	9-15	11			
W97CSX-2	10-18	15			
W97CSX-2	App A	—			
WC-22-6	8-6	2			
WC400-00	4-2	25			
Weld-On 45	10-33	—			
WP-22-6	8-6	3			
X109HT	3-6.1	10			
X1333HT	11-5	170			
X1333HT	3-6.1	40			
X-142	8-3	—			
X-142	8-3	—			
Y9485	4-5	24			
Y9485	6-5	—			
Z1200J-02	6-1	—			
ZFD10940732	App A	—			
ZFD-1094-0-7-32	9-1	37			
ZFD-1094-0-7-32	App A	—			

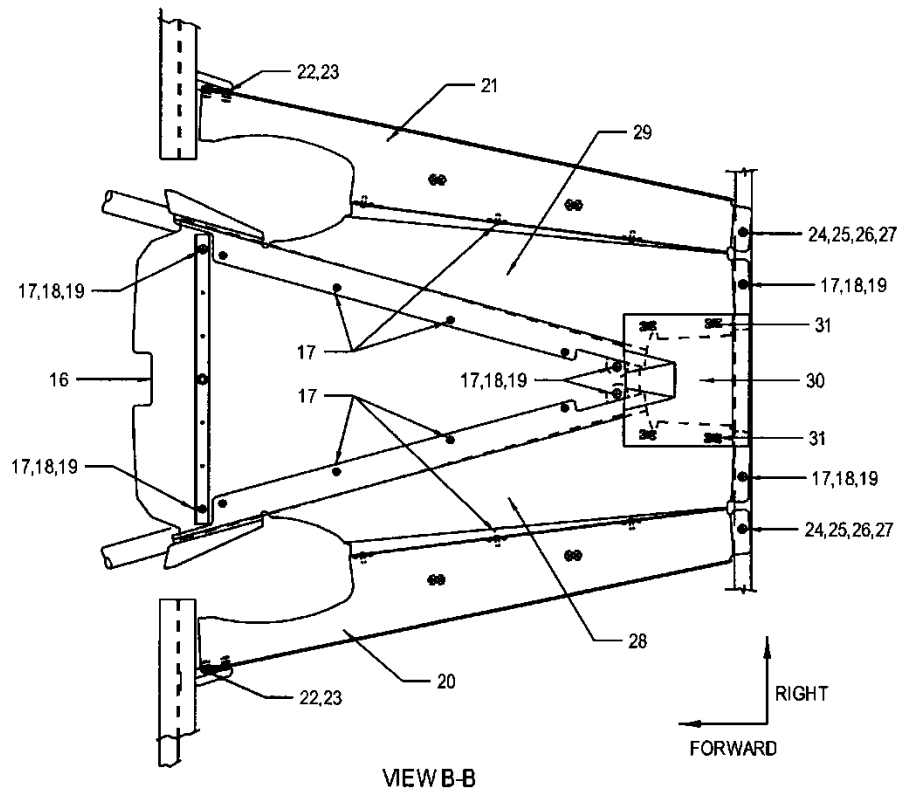
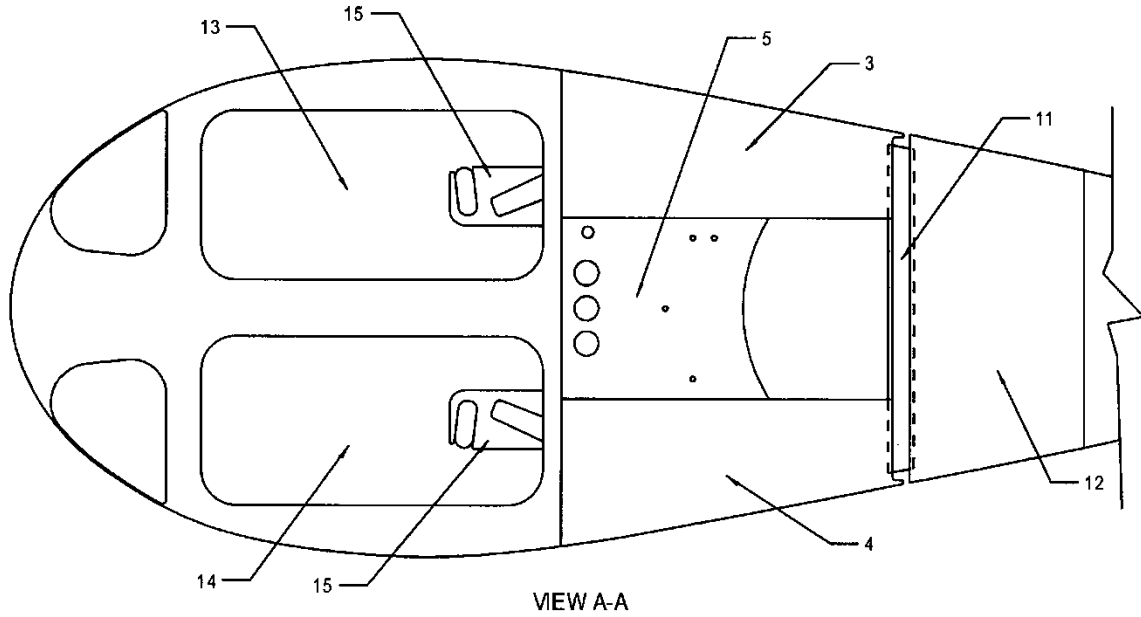
ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

PART NUMBER INDEX

Part Number	Figure	Item	Part Number	Figure	Item
-------------	--------	------	-------------	--------	------

INTENTIONALLY LEFT BLANK

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG



Sheet 2 of 2

FIGURE 3-2. COWLING AND ACCESS PANELS

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-2. COWLING AND ACCESS PANELS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4220150-1	Cowl Door Installation, L/H	REF			X
—∞	4119334-1	Cowl Door installation, L/H (Superseded by 4220150-1)	REF		X	X
1♦♦	4220150-5	. Cowl Door Assembly, L/H	1			X
1**	4220150-3	. Cowl Door, L/H (Superseded by 4220150-5)	1			X
—±	4119334-23	. . Cowl Door L/H Hinge Assembly	1			X
1	4119334-3	. Cowl Door, L/H (Superseded by 4220150-5)	1	X	X	X
—	85-12-140-16	. . Wing Stud Fastener	3	X	X	X
—♦	85-12-140-20	. . Wing Stud Fastener (Acceptable Alternate)	3	X	X	X
—	85-46-101-39	. . Washer, Nylon	3	X	X	X
—	85-34-101-20	. . Split Ring	3	X	X	X
—	4220150-2	Cowl Door Installation, R/H	REF			X
—∞	4119334-2	Cowl Door Installation, R/H (Superseded by 4220150-2)	REF		X	X
2♦♦	4220150-6	. Cowl Door Assembly, R/H	1			X
2**	4220150-4	. Cowl Door, R/H (Superseded by 4220150-6)	1			X
—	4119334-24	. . Cowl Door R/H Hinge Assembly	1			X
2	4119334-4	. Cowl Door Assembly, R/H (Superseded by 4220150-6)	1	X	X	X
—	85-12-140-16	. . Wing Stud Fastener	3			X
—♦	85-12-140-20	. . Wing Stud Fastener (Acceptable Alternate)	3			X
—	85-46-101-39	. . Washer, Nylon	3			X
—	85-34-101-20	. . Split Ring	3			X
—	4119329-1	Lower Cowl Forward Installation	REF	X	X	X
3●	4119356-3	. Quarter Panel Cowling, L/H	1			X
3†	4119329-3	. Quarter Panel Cowling, L/H (Alternate to 4119356-3)	1	X	X	X
—††	MS35489-14	. Grommet	1			X
—††	MS35489-17	. Grommet	3			X
—††	MS35489-20	. Grommet	1			X
—††	MS35489-10	. Grommet	2	X	X	X
—††	AN931-5-12	. Grommet (Superseded by MS35489-10)	2	X	X	X
—	85-35-295-15	. Spring Leaf Receptacle	3	X	X	X
—	MS20426AD4-6	. Rivet	6	X	X	X
—●	S8P150	. PlusNut	4			X
—	A06195-8Z-1D	. Nut, Tinnerman (Superseded by S8P150)	4	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-2. COWLING AND ACCESS PANELS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—●	MS35206-246	. Screw	4			X
—●	AN515-8R10	. Screw (Superseded by MS35206-246)	4			X
—●	NAS1149FN816P	. Washer	4			X
—●	AN960-8L	. Washer (Alternate)	4			X
—●	4119328-13	. Bracket Attach LH Quarter Panel	1			X
—●	4119328-15	. Bracket Attach LH Quarter Panel	1			X
4●	4119356-4	. Quarter Panel Cowling, R/H	1			X
4†	4119329-4	. Quarter Panel Cowling, R/H (Superseded by 4119356-4)	1	X	X	X
—●	MS35489-14	. Grommet	1			X
—●	MS35489-17	. Grommet	2			X
—	85-35-295-15	. Spring Leaf Receptacle	3	X	X	X
—	MS20426AD4-6	. Rivet	6	X	X	X
—●	S8P150	. PlusNut	4			X
—	A06195-8Z-1D	. Nut, Tinnerman (Superseded by S8P150)	4	X	X	X
—	MS35333-40	. Lock Washer	4		X	X
—●	MS35206-246	. Screw	4			X
—●	AN515-8R10	. Screw (Superseded by MS35206-246)	4			X
—●	NAS1149FN816P	. Washer	4			X
—●	AN960-8L	. Washer (Alternate)	4			X
—●	4119328-14	. Bracket Attach RH Quarter Panel	1			X
—●	4119328-16	. Bracket Attach RH Quarter Panel	1			X
5	4119329-5	. Panel Cowling, Lower Center (Replaced by 4119327-3)	1	X	X	X
—	S8P150	. PlusNut, Flathead, 8-32 X 0.656"	10	X	X	X
—	A06195-8Z-1D	. Nut, Tinnerman (Superseded By S8P150)	10	X	X	X
—	MS20426AD3-3	. Rivet, Solid, 3/32" X 3/16"	20	X	X	X
—	MS35489-10	. Grommet, Rubber, .312" (.750")	4	X	X	X
—	MS35206-246	. Screw, Machine (Rh), 8-32 X 0.625"	2		X	X
—	4119327-1	. Skin Assembly (Replaced by 4119327-3)	1		X	X
—	4119327-13	. Doubler	1		X	X
—	4119327-14	. Doubler	1		X	X
—	4119355-11	. Stiffener Lower Cowl	1		X	X
5‡	4119327-3	. Panel Cowling, Lower Center	1			X
—●	S8P150	. PlusNut	11			X
—	A06195-8Z-1D	. Nut, Tinnerman (Superseded by S8P150)	8			X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-2. COWLING AND ACCESS PANELS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	MS35333-40	. Lock Washer	11		X	X
—●	MS35206-246	. Screw	11			X
—●	AN515-8R10	. Screw (Superseded by MS35206-246)	11			X
—●	NAS1149FN816P	. Washer	11			X
—●	AN960-8L	. Washer (Alternate)	11			X
—●	MS35489-10	. Grommet	1			X
—	AN931-5-12	. Grommet (Superseded by MS35489-10)	1			X
—●	8X1/2	. Screw	8			X
—	4516-1	. Vinyl Foam Tape	A/R			X
—	4119344-3	Cowl Installation, L/H	REF		X	X
6	4119344-901	. Panel Assembly, Oil Cooler Inlet	1	X	X	X
—	AJ4-35	. Dzus Fastener	5	X	X	X
—	GA4-250	. Fastener Collar	8	X	X	X
7	4119366-1	. Baggage Door Assembly (Used with 4119344-905)	1	X	X	X
7A	4119366-3	. Baggage Composite Door (Used with 4119344-903)	1	X	X	X
7A	4119358-5	. Baggage Door Assembly (Used with 4119344-903) (Replaced by 4119366-3)	1	X	X	X
7A	4119358-3	. Baggage Door Assembly (Used with 4119344-903) (Replaced by 4119358-5)	1	X	X	X
—	AN393-9	. Pin	2	X	X	X
—	NAS1149D0316H	. Washer	2	X	X	X
—	AN960D10L	. Washer (Alternate)	2	X	X	X
—	MS24665-151	. Cotter Pin	2	X	X	X
8	4119344-905	. Quarter Panel, Top Left (Used with 4119366-3)	1	X	X	X
—⌘	4119351-19	. Hand Hold, Cowl	1		X	X
—⌘	4119351-13	. Hand Hold, Cowl (Superseded by 4119351-19)	1		X	X
—	4119359-13	. Doubler	1		X	X
—	MS20426A3-4	. Rivet	8		X	X
—≡	1219-4200-Z3Y	. Spring, Stud Fastener	2	X	X	X
—≡Δ	MS20426AD3-4	. Rivet	4	X	X	X
—	AJ4-35	. Dzus Fastener, 1/4 Turn	2	X	X	X
—	GA4-250	. Fastener Collar	2	X	X	X
—	82-19-160-16	. Stud	1	X	X	X
—	82-46-101-39	. Washer, Nylon	1	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-2. COWLING AND ACCESS PANELS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	82-32-101-20	. Retainer, Ring, Split	1	X	X	X
8A	4119344-903	. Quarter Panel, Top Left (Used with 4119366-1)	1	X	X	X
— ‡	4119351-19	. Hand Hold, Cowl	1		X	X
— ‡	4119351-13	. Hand Hold, Cowl (Superseded by 4119351-19)	1		X	X
—	4119359-13	. Doubler	1		X	X
—	MS20426A3-4	. Rivet	8		X	X
— ≡	1219-4200-Z3Y	. Spring, Stud Fastener	2	X	X	X
— ≡Δ	MS20426AD3-4	. Rivet	4	X	X	X
—	AJ4-35	. Dzus Fastener, 1/4 Turn	2	X	X	X
—	GA4-250	. Fastener Collar	2	X	X	X
—	82-19-160-16	. Stud	1	X	X	X
—	82-46-101-39	. Washer, Nylon	1	X	X	X
—	82-32-101-20	. Retainer, Ring, Split	1	X	X	X
—	MS35206-245	. Screw	2	X	X	X
—	NAS1149FN816P	. Washer	2	X	X	X
—	AN960-8L	. Washer (Superseded by NAS1149FN816P)	2	X	X	X
9*	4119357-902	. Step Cowl Assembly	1	X	X	X
—	AJ4-30	. Dzus Fastener	2	X	X	X
—	AJ4-35	. Dzus Fastener	13	X	X	X
—	AJ4-40	. Dzus Fastener	4	X	X	X
—	GA4-250	. Fastener Collar	19	X	X	X
—	4119319-3	. Step Door Assembly (Upper)	1	X	X	X
—	4119319-7	. Step Door Assembly (Lower)	1	X	X	X
—	MS20470AD4-4	. Rivet	12	X	X	X
—	MS20470AD3-4	. Rivet	1	X	X	X
—	4119343-11	. Louver	3	X	X	X
—	4119343-13	. Louver	1	X	X	X
— ●●	MS20470A3-4	. Rivet	20	X	X	X
—	MS20470A3-3	. Rivet (Superseded by MS20470A3-4)	20	X	X	X
—	4119345-3	Cowl Installation R/H Side	REF			X
9‡	4119357-1	. Step Cowl Assembly	1			X
—	AJ4-35	. Dzus Fastener	18			X
—	AJ4-40	. Dzus Fastener	3			X
—	GA4-250	. Fastener Collar	21			X
—	4119319-3	. Step Door Assembly (Upper)	1			X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-2. COWLING AND ACCESS PANELS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4119319-13	. . Door Panel - Top	1			X
—	4119319-5	. . Hinge Assembly	1			X
—	4119345-5	. . Hinge Assembly (Superseded by 4119319-5)	1			X
—	4119319-15	. . Hinge Leaf	1			X
—	4119345-15	. . . Hinge	1			X
—	4119319-21	. . . Spring	2			X
—	28-12319-1	. . . Spring (Superseded by 4119319-21)	2			X
—	5451	. . Teflon Tape	A/R			X
—	MS20426AD4-4	. . Rivet	6			X
—	4119319-19	. Shim	2			X
—	4119319-7	. Step Door Assembly (Lower)	1			X
—	4119319-17	. . Door - Lower	1			X
—	4119319-5	. . Hinge Assembly	1			X
—	4119345-5	. . Hinge Assembly (Superseded by 4119319-5)	1			X
—	4119319-15	. . . Hinge Leaf	1			X
—	4119345-15	. . . Hinge Leaf (Superseded by 4119319-15)	1			X
—	4119319-21	. . . Spring	2			X
—	28-12319-1	. . . Spring (Superseded by 4119319-21)	2			X
—	5451	. . Teflon Tape	A/R			X
—	4119357-13	. . Bezel	1			X
—	MS20470A3-4	. . Rivet	14			X
—	NAS1149FN316P	. . Washer	A/R			X
10	4119345-902	. Quarter Panel, Top Right	1	X	X	X
— ‡	4119351-19	. . Hand Hold, Cowl	1		X	X
— ‡	4119351-13	. . Hand Hold, Cowl (Superseded by 4119351-19)	1		X	X
—	4119359-13	. Doubler	1		X	X
—	MS20426A3-4	. Rivet	8		X	X
—	1219-4200-Z3Y	. . Spring, Stud Fastener	5	X	X	X
— Δ	MS20426AD3-4	. . Rivet	10	X	X	X
— ●●	AJ4-35	. . Dzus Fastener, 1/4 Turn	2	X	X	X
—	GA4-250	. . Fastener Collar	2	X	X	X
—	82-19-160-16	. . Stud Fastener, Recessed	1	X	X	X
—	82-46-101-39	. . Washer, Nylon	1	X	X	X
—	82-32-101-20	. . Retainer, Ring, Split	1	X	X	X
—	MS35206-245	. . Screw	2	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-2. COWLING AND ACCESS PANELS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—●●	NAS1149FN816P	.. Washer	2	X	X	X
—	AN960-8L	.. Washer (Superseded by NAS1149FN816P)	2	X	X	X
11	280-114508-11	. Cowl Support	1	X	X	X
—	A06195-8Z-1D	.. Nut, Tinnerman	17	X	X	X
—	MS21078-3	.. Nut Plate	2	X	X	X
—	NAJ1-02BC	.. Nut Plate (Superseded by MS21078-3)	2	X	X	X
—	MS20426AD3-3	.. Rivet	38	X	X	X
12†	4119348-911	. Cowl Assembly Lower	1	X	X	X
12†	4119348-901	. Cowl Assembly, Lower (Superseded by 4119348-911)	1	X	X	X
—▼	4119368-919	.. Cowl Skin Lower Aft	1	X	X	X
—	1219-4200-Z3Y	.. Spring, Stud Fastener	8	X	X	X
—Δ	MS20426AD3-4	.. Rivet	16	X	X	X
—	4119352-13	.. Clip	1	X	X	X
—	4119352-15	.. Clip	1	X	X	X
—	4119352-16	.. Clip	1	X	X	X
—	MS20470AD4-4	.. Rivet	9	X	X	X
—	MS20470AD3-4	. Rivet	1	X	X	X
—	4508-75	.. Foam Tape	A/R	X	X	X
—	4516-75	.. Foam Tape	A/R	X	X	X
—	MS24693-S51	.. Screw	4	X	X	X
—	AN531-8R8	.. Screw (Superseded by MS24693-S51)	4	X	X	X
—	AN525-10R7	.. Screw	2	X	X	X
—	1/2 X 8 PK	.. Screw	14	X	X	X
—	MS35206-245	.. Screw	6	X	X	X
—	NAS1149FN816P	.. Washer	7	X	X	X
—	AN960-8L	.. Washer (Alternate)	7	X	X	X
13	4114029-1	. Access Panel (L/H)	1	X	X	X
13	4114026-3	. Access Panel (L/H) (Obsolete, replaced by 4114029-1)	1	X	X	X
14	4114029-2	. Access Panel (R/H)	1	X	X	X
14	4114026-4	. Access Panel (R/H) (Obsolete, replaced by 4114029-2)	1	X	X	X
15	4114010-11	. Cover	2	X	X	X
16	4119316-903	. Exit Duct Cone	1	X	X	X
—	4119316-7	.. Exit Duct and Cowl Support/Installation	REF		X	X
—	A06195-8Z-1D	.. Nut, Tinnerman	8	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-2. COWLING AND ACCESS PANELS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	CCR-264-SS-3-3	. . Rivet	16	X	X	X
—	4119364-13	. . Drain Tube	1	X	X	X
—	4119365-13	. . Rolled Angle	1	X	X	X
—	4119365-11	. . Rolled Angle (Alternate)	1	X	X	X
—	MS20470AD4-2	. . Rivet	4	X	X	X
17	8X1/2	. . Screw	20	X	X	X
—●●	MS21080-08K	. . Nut Plate	6	X	X	X
18	A06195-8Z-1D	. . Nut, Tinnerman	6	X	X	X
19	CCR-264-SS-3-3	. . Rivet	12	X	X	X
20	4119316-5	. Channel Assembly (Left Side)	1	X	X	X
—	A06195-8Z-1D	. . Nut, Tinnerman	3	X	X	X
—	MS20426AD3-4	. . Rivet	6	X	X	X
21	4119316-6	. Channel Assembly (Right Side)	1	X	X	X
—	A06195-8Z-1D	. . Nut, Tinnerman	3	X	X	X
—	MS20426AD3-4	. . Rivet	6	X	X	X
22	MS27039-0808	. Screw	4	X	X	X
23	NAS1149DN832H	. Washer	4	X	X	X
23	AN960D8	. Washer (Alternate)	4	X	X	X
24	MS27039-1-08	. Screw	2	X	X	X
25	NAS1149D0316H	. Washer	2	X	X	X
25	AN960D10L	. Washer (Alternate)	2	X	X	X
26	NAS1068A3	. Nut Plate	2	X	X	X
27	CCR-264-SS-3-3	. Rivet	4	X	X	X
28	4119315-3	. Duct Assembly (Left Side)	1	X	X	X
—	NAS686A08K	. . Nut Plate	2	X	X	X
—	MS20426AD3-3	. . Rivet	4	X	X	X
29	4119315-4	. Duct Assembly (Right Side)	1	X	X	X
—	NAS686A08K	. . Nut Plate	2	X	X	X
—	MS20426AD3-3	. . Rivet	4	X	X	X
30	4119361-13	. Closeout	1	X	X	X
31	AN525-832R10	. Screw	4	X	X	X
32	MS20253-P2	. Hinge Pin, 42 inches	2	X	X	X

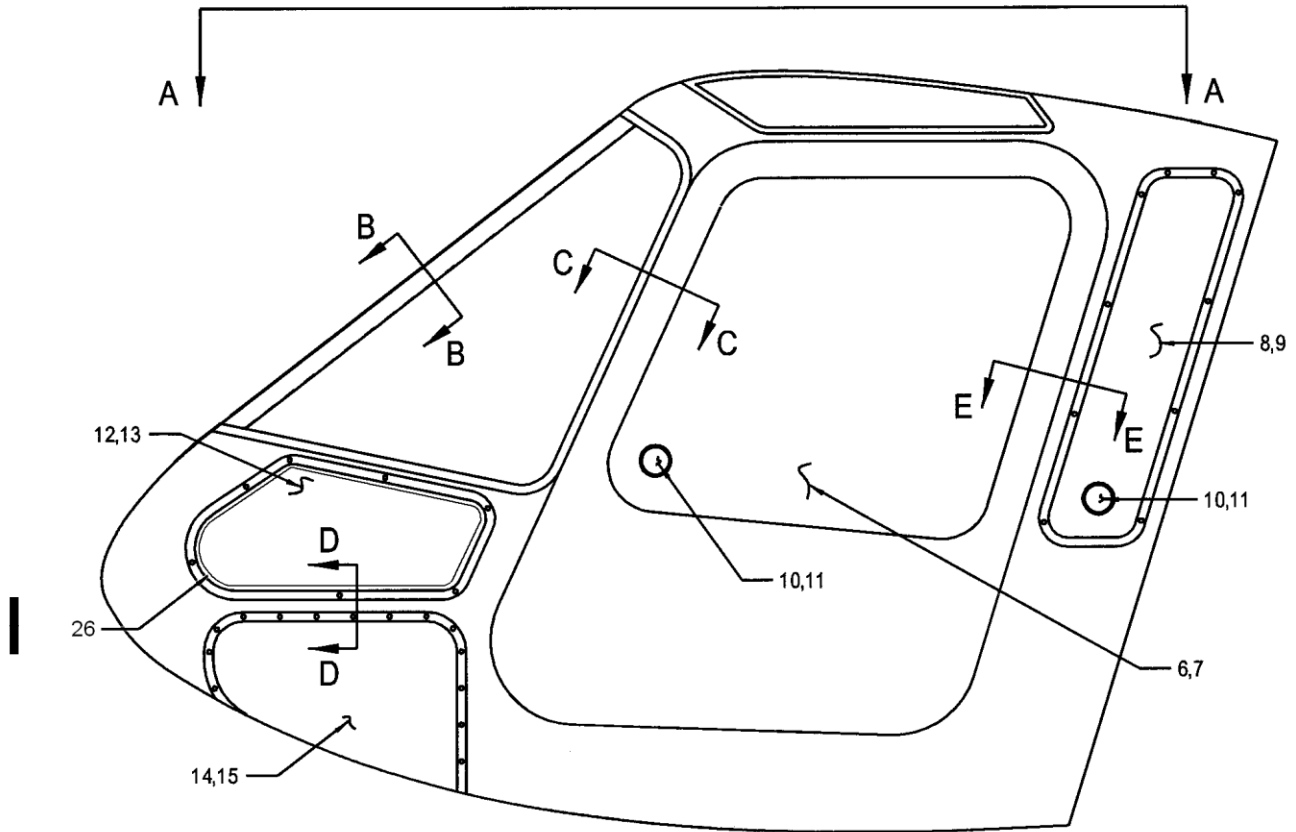
* Early production TH-28s and 480s had a two-piece step/oil cooler exit access panel. Contact Enstrom Customer Service for part number information.

** Part of the Increased Cooling Kit, P/N 4230031, which increases the ambient temperature operating limitations. Eligible for installation on 480B, S/N 5089 and subsequent.

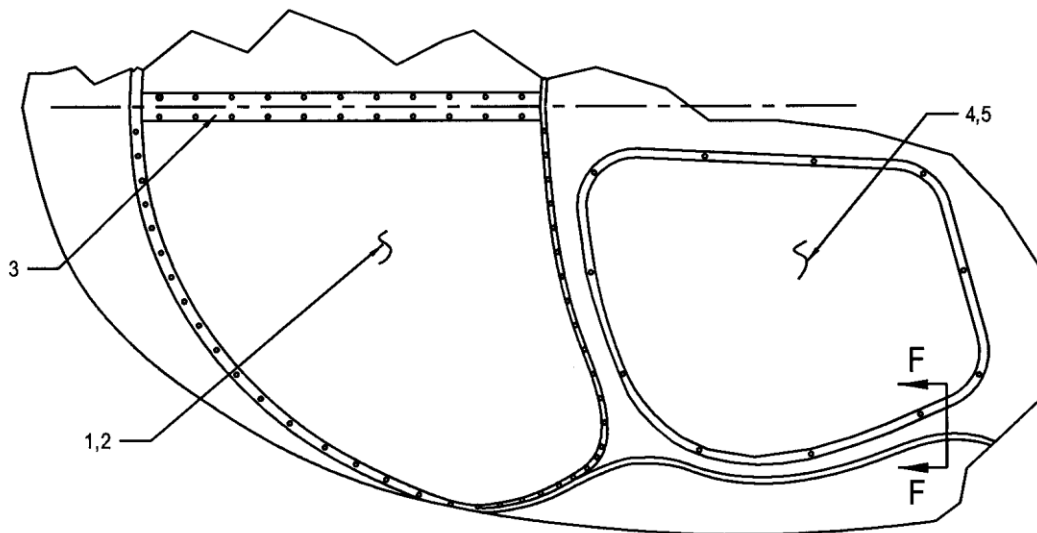
ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

- † These assemblies are installed on the 480B, S/N 5114 and subsequent, and are equipped with additional cooling holes. Assemblies with additional cooling holes are part of the Increased Cooling Kit, P/N 4230031, for 480B, S/N 5089 through 5113, and are eligible for installation on all TH-28, 480, and 480B aircraft.
- ‡ Installed on 480B, S/N 5114 and subsequent. Part of the Increased Cooling Kit, P/N 4230031, for 480B, S/N 5089 through 5113.
- ≡ See Appendix A for equivalent part information.
- Effectivity 480B S/N 5148 and subsequent. Retrofittable to 480 S/N 5001 subsequent, and 480B S/N 5042 subsequent.
- Effectivity 480B S/N 5155 and subsequent. Eligibility 480 S/N 5001, 480B S/N 5042 and subsequent.
- †† Effectivity 480B S/N 5161 and subsequent. Eligibility 480 S/N 5001, 480B S/N 5042 and subsequent.
- ‡‡ Effectivity 480B S/N 5164 and subsequent. Retrofittable to 480 S/N 5001 to 5041 and 480B S/N 5042 and subsequent.
- ◆ The 85-12-140-20 Wing Stud Fastener is an acceptable alternate to the 58-12-140-16 Wing Stud Fastener when unpainted.
- ◆◆ Replaces previous 4220150 Cowling Doors for the Increased Cooling Kit. Effectivity 480B S/N 5207 and subsequent. Retrofittable to 480 S/N 5001 and subsequent, and 480B S/N 5042 and subsequent.
- △ CCR264SS-3-03 rivet with NAS1149FN316P is an acceptable alternate.
- ▼ 5X #41 holes added on the forward edge.
- ∞ Optional non-vented cowl doors.
- ± Effectivity 480B S/N 5207 and subsequent. Eligibility 480 S/N 5001 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG



LOOKING FROM LEFT



VIEW A-A

Sheet 1 of 3

FIGURE 3-3. WINDSHIELD AND WINDOW INSTALLATION

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-6.1. CABIN DOOR INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
–	4118310-1	Cabin Door Installation Left	REF		X	X
–	4118310-2	Cabin Door Installation Right	REF		X	X
10	X109HT	. Seal	12 ft.		X	X
20	4118281-1	. Hinge Assembly	1		X	X
30	4118281-2	. Hinge Assembly	1		X	X
40	X1333HT	. Seal (Replaced by Item 10, X109HT)	9 ft.		X	X
50	4119839-13	. Placard: Emergency Exit	1		X	X
60	4118281-3	. Hinge Assembly	1		X	X
70	4118281-4	. Hinge Assembly	1		X	X
80	MS20392-2C17	. Pin, Clevis	2		X	X
90	MS24665-152	. Cotter Pin	2		X	X
90	AN381-2-10	. Pin Cotter (Superseded by MS24665-152)	2		X	X
100	1/4 Harper	. Washer (Used as shim)	A/R		X	X
110	4118278-23	. Door, Cabin, Hinge, Post	1		X	X
120	4118278-21	. Door Cabin Radius Block	1		X	X
130	NAS1149F0432P	. Washer, Flat	2		X	X
130	AN960-416L	. Washer, Flat (Alternate)	2		X	X
140	MS21044N4	. Nut, Hex	2		X	X
140	AN365-428A	. Nut, Hex (Superseded by MS21044N4)	2		X	X
150	4118284-1	. Hinge Doubler Weldment	2		X	X
160	CR3213-4-02	. Rivet	4		X	X
160	S8P-270	. PlusNut (Replaced by CR3213-4-02)	2		X	X
–170	AN526-1032R8	. Screw (Replaced by CR3213-4-02)	1		X	X
180	4118284-13	. Doubler	2		X	X
190	4118281-19	. Shim-Door Hinge Machined	1		X	X
200	MS27039-1-08	. Screw, Machine	2		X	X
210	NAS1149D0316J	. Washer, Flat	2		X	X
210	AN960PD10L	. Washer, Flat (Alternate)	2		X	X
220	MS21042-3	. Nut, Hex	2		X	X
230	MS24694-S52	. Screw, Machine	4		X	X
230	AN509-10R10	. Screw, Machine (Superseded by MS24694-S52)	4		X	X
240	NAS1149D0316J	. Washer, Flat	6		X	X
240	AN960PD10L	. Washer, Flat (Alternate)	4		X	X
250	MS21042-3	. Nut, Hex	4		X	X
260	4118290-15	. Strike	3		X	X
270	MS24693-S273	. Screw	8		X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-6.1. CABIN DOOR INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
270	MS27039-1-09	. Screw, Machine (Replaced by MS24693-S273)	8		X	X
280	4118290-33	. Door Latch Support Catch Plate	1		X	X
290	4118290-16	. Strike	3		X	X
300	4118290-17	. Door Latch Support Strike (LH)	1		X	X
310	4118290-18	. Door Latch Support Strike (RH)	1		X	X
320	4118290-21	. Door Latch Support Strike	1		X	X
330	4118284-1	. Doubler Door Hinge	1		X	X
340	MS20470AD4-4	. Rivet	2		X	X
350	4118278-23	. Door, Cabin, Hinge, Post	1		X	X
360	4118278-21	. Door Cabin Radius Block	1		X	X
370	4118284-13	. Doubler	1		X	X
380	4118281-21	. Shim-Door Hinge Machined	1		X	X
390	4114009-3	. Closure Plate Assembly	1		X	X
400	4114009-4	. Closure Plate Assembly	1		X	X

Note: All quantities listed are per door.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-22. PILOT AND CO-PILOT SEAT ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4101501-3	Structural Assembly Complete	REF		X	X
—*	4119760-9	. Pilot Seat Assembly	REF			X
—*	4119760-8	. Co-Pilot Seat Assembly	REF			X
—10	4119849-9	. . Seat Assembly, Pilot	1			X
20	4119849-8	. . Seat Assembly, Co-Pilot	1			X
30	4119871-11-GEN	. . . Crew Seat, Assembly - Bottom	1			X
40	4119871-12-GEN	. . . Crew Seat, Assembly - Backrest	1			X
50	4119874-12-GEN	. . . Cover - Pocket/Back Panel	1			X
60	4119849-7	. . . Pre-Upholstery Fwd Seat	1			X
70	4119762-5	 Bucket Assembly	1			X
80	4119763-23	 Back	1			X
90	4119763-26	 Wing	1			X
100	4119763-25	 Wing	1			X
110	4119762-11	 Plate	6			X
120	4119762-13	 Spacer	2			X
130	4119797-13	 Washer	2			X
140	4119779-15	 Washer	2			X
150	4119763-30	 Side	1			X
160	4119763-29	 Side	1			X
170	4119878-10-GEN	 Crew Seat, Cover	1			X
—	ECD4089-13	 Velcro Hook	28.5"			X
—	ECD4089-11	 Velcro Hook, Black	12"			X
—180	4119761-7	. . . Pilot Tracking Installation	1			X
190	4119761-5	. . . Co-Pilot Tracking Installation	1			X
200	4119771-10-GEN	. . . Shroud Assembly - Pedestal	1			X
210	MS35206-230	. . . Screw	4			X
220	4119765-19	. . . Plate	1			X
230	4119765-17	. . . Flanged Block	1			X
240	NAS6604-13	. . . Bolt	4			X
250	NAS1149F0432P	. . . Washer	6			X
260	601-6	. . . Washer	6			X
270	MS51862-14	. . . Screw	6			X
280	NAS1149FN616P	. . . Washer	4			X
290	MS21083N06	. . . Nut	4			X
300	4119743-11	. . . Plate	1			X
310	MS24693-S27	. . . Screw	4			X
320	ECD4061-1	. . Shoulder Belt	1			X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 3-22. PILOT AND CO-PILOT SEAT ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
330	MS20364-428	. . Nut	2			X
340	ECD050-11	. . Washer	6			X
350	NAS6604-17	. . Bolt	2			X
360	4119780-23	. . Spacer	2			X
—	NAS6204-5	. . Bolt	2			X
—	NAS1149D0463J	. . Washer	2			X

* Effectivity 480B S/N 5256 and subsequent. Retrofittable 480B S/N 5042 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 4-5. LANDING GEAR FAIRING INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
1	4174019-7	. Fairing, Gear Leg, Left Forward	1	X	X	X
—	4174019-17	. Landing Gear Fairing L/H Fwd	1			X
—▼	NAS1922-0175-3	. . Clamp	1			X
—**	NAS1922-0150-3	. . Clamp (Superseded by NAS1922-0175-3)	1	X	X	X
—	20020S	. . Clamp (Superseded by NAS1922-0150-3)	1	X	X	X
—	MS20470AD3-3	. . Rivet	11	X	X	X
—	4174020-13	. . Clip	2	X	X	X
2	4174019-8	. Fairing, Gear Leg, Right Forward	1	X	X	X
—	4174019-18	. . Landing Gear Fairing R/H Fwd	1			X
—▼	NAS1922-0175-3	. . Clamp	1			X
—**	NAS1922-0150-3	. . Clamp (Superseded by NAS1922-0175-3)	1	X	X	X
—	20020S	. . Clamp (Superseded by NAS1922-0150-3)	1	X	X	X
—	MS20470AD3-3	. . Rivet	11	X	X	X
—	4174020-13	. . Clip	2	X	X	X
3	4174019-9	. Fairing, Gear Leg, Left Aft	1	X	X	X
—	4174019-19	. . Landing Gear Fairing L/H Aft	1			X
—▼	NAS1922-0175-3	. . Clamp	1			X
—**	NAS1922-0150-3	. . Clamp (Superseded by NAS1922-0175-3)	1	X	X	X
—	20020S	. . Clamp (Superseded by NAS1922-0150-3)	1	X	X	X
—	MS20470AD3-3	. . Rivet	12	X	X	X
—	4174020-13	. . Clip	2	X	X	X
4	4174019-102	. Fairing, Gear Leg, Right Aft	1	X	X	X
—	4174019-20	. Landing Gear Fairing R/H Aft	1			X
—▼	NAS1922-0175-3	. . Clamp	1			X
—**	NAS1922-0150-3	. . Clamp (Superseded by NAS1922-0175-3)	1	X	X	X
—	20020S	. . Clamp (Superseded by NAS1922-0150-3)	1	X	X	X
—	MS20470AD3-3	. . Rivet	16	X	X	X
—	4174020-13	. . Clip	2	X	X	X
5	4174019-1	. Fairing, Oleo, Left Side	2	X	X	X
—▼	NAS1922-0175-3	. . Clamp	1			X
—**	NAS1922-0150-3	. . Clamp (Superseded by NAS1922-0175-3)	1	X	X	X
—	20020S	. . Clamp (Superseded by NAS1922-0150-3)	1	X	X	X
—	MS21078-08K	. . Nut Plate	1	X	X	X
—	NAS1024N08K	. . Nut Plate (Superseded by MS21078-08K)	1	X	X	X
—≡	A06195-8Z-1D	. . Nut, Tinnerman	5	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 4-5. LANDING GEAR FAIRING INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	CCR264SS-3-02	. . Rivet	12	X	X	X
—	CCR-264-SS-3-2	. . Rivet (Superseded by CCR264SS-3-02)	12	X	X	X
—	4174020-11	. . Clip	2	X	X	X
6	4174019-2	. Fairing, Oleo, Right Side	2	X	X	X
—	4174019-12	. . Landing Gear Fairing R/H	1			X
—▼	NAS1922-0175-3	. . Clamp	1			X
—**	NAS1922-0150-3	. . Clamp (Superseded by NAS1922-0175-3)	1	X	X	X
—	20020S	. . Clamp (Superseded by NAS1922-0150-3)	1	X	X	X
—	MS21078-08K	. . Nut Plate	1	X	X	X
—	NAS1024N08K	. . Nut Plate (Superseded by MS21078-08K)	1	X	X	X
—≡	A06195-8Z-1D	. . Nut, Tinnerman	5	X	X	X
—	CCR264SS-3-02	. . Rivet	12	X	X	X
—	CCR-264-SS-3-2	. . Rivet (Superseded by CCR264SS-3-02)	12	X	X	X
—	4174020-11	. . Clip	2	X	X	X
7	4174019-3	. Fairing, Oleo, Upper Left Side Forward	1	X	X	X
—	4174019-13	. . Landing Gear Fairing L/H Fwd	1			X
—	A06195-8Z-1D	. . Nut, Tinnerman	1	X	X	X
—	CCR264SS-3-02	. . Rivet	2	X	X	X
8	4174019-4	. Fairing, Oleo, Upper Right Side Forward	1	X	X	X
—	4174019-14	. . Landing Gear Fairing R/H Fwd	1			X
—	A06195-8Z-1D	. . Nut, Tinnerman	1	X	X	X
—	CCR264SS-3-02	. . Rivet	2	X	X	X
9	4174019-101	. Fairing, Oleo, Upper Left Side Aft	1	X	X	X
—	4174019-21	. . Landing Gear Fairing L/H Aft	1			X
—≡	A01789-8Z-1D	. . Nut, Tinnerman	2	X	X	X
—	A06195-8Z-1D	. . Nut, Tinnerman	1	X	X	X
—	CCR264SS-3-02	. . Rivet	2	X	X	X
10	4174019-104	. Fairing, Oleo, Upper Right Side Aft	1	X	X	X
—	4174019-22	. . Landing Gear Fairing R/H Aft	1			X
—≡	A01789-8Z-1D	. . Nut, Tinnerman	2	X	X	X
—	A06195-8Z-1D	. . Nut, Tinnerman	1	X	X	X
—	CCR264SS-3-02	. . Rivet	2	X	X	X
11	4174022-11	. Closeout, Left Side	1	X	X	X
12	4174022-12	. Closeout, Right Side	1	X	X	X
13	AN525-832R7	. Screw	6	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-1. FUEL CELL INSTALLATION – AEROTECH/UFCC FUEL CELLS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
–	4122054-3	Fuel System Installation	REF		X	X
1♦	4122052-7	. Fuel Bladder, L/H	1		X	X
→♦	4122052-3	. Fuel Bladder, L/H (Superseded by 4122052-7)	1	X	X	X
–	4122054-903	. Left-Fuel Bladder Sub Assembly	REF	X	X	X
→▶	4122052-103	. . Fuel Bladder, L/H (Without Foam Baffles)	1			X
→♦♦	4122052-101	. . Fuel Bladder, L/H (Without Foam Baffles)	1		X	X
→♦◇	4122052-5	. . Fuel Bladder, L/H (Without Foam Baffles) (Superseded by 4122052-101)	1		X	X
→♦	4122052-1	. . Fuel Bladder L/H (Without Foam Baffles) (Superseded by 4122052-101)	1	X	X	X
–	4122058-901	. . Foam Assembly: Fuel Bladder L/H	1		X	X
2♦	4122052-8	. Fuel Bladder, R/H	1		X	X
→♦	4122052-4	. Fuel Bladder, R/H (Superseded by 4122052-8)	1	X	X	X
–	4122052-10	. Fuel Bladder, R/H (Inactive)	1		X	X
–	4122054-906	. Right-Fuel Bladder Sub Assembly	REF	X	X	X
–	4122054-904	. Right-Fuel Bladder Sub Assembly (Superseded by 4122054-906)	REF	X	X	X
→▶	4122052-104	. . Fuel Bladder, R/H (Without Foam Baffles)	1			X
→♦♦	4122052-102	. . Fuel Bladder, R/H (Without Foam Baffles)	1		X	X
→♦△	4122052-6	. . Fuel Bladder R/H (Without Foam Baffles) (Superseded by 4122052-102)	1		X	X
→♦	4122052-2	. . Fuel Bladder R/H (Without Foam Baffles) (Superseded by 4122052-102)	1	X	X	X
–	4122058-902	. . Foam Assembly: Fuel Bladder R/H	1	X	X	X
3	ECD4049-11	. Gasket	2	X	X	X
4	4122053-13	. . Flange Plate	2	X	X	X
5	NAS1149D0416H	. . Washer	56	X	X	X
6	AN4H3A	. Bolt	56	X	X	X
–	MS20995C25	. Safety Wire	A/R	X	X	X
7**	4122057-3	. . Flange Plate Assembly, L/H (See Figure 5-7 for breakdown)	1	X	X	X
7	4122057-1	. . Flange Plate Assembly, L/H (See Figure 5-7 for breakdown) (Superseded by 4122057-3)	1	X	X	X
8**	4122057-4	. . Flange Plate Assembly, R/H (See Figure 5-7 for breakdown)	1	X	X	X
8	4122057-2	. . Flange Plate Assembly, R/H (See Figure 5-7 for breakdown) (Superseded by 4122057-4)	1	X	X	X
9	MS24694-S94	. Screw	17	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-1. FUEL CELL INSTALLATION – AEROTECH/UFCC FUEL CELLS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
9A°	MS24693-S294	. Screw	8			X
10	4122065-27	. Gasket	2	X	X	X
11	ECD4049-13	. Gasket	2	X	X	X
11	ECD4049-13	. Gasket	2	X	X	X
12●	4122048-3	. Flanged Mounting Plate	1	X	X	X
13●	ECD4037-11	. Gasket	1	X	X	X
14*●	4122088-5	. Fuel Capacitance Probe	1			X
14	4122088-3	. Fuel Capacitance Probe	1	X	X	X
14*	4122088-1	. Fuel Capacitance Probe (Superseded by 4122088-5)	1			X
15	AN525-10R18	. Screw	5	X	X	X
16●	4122065-21	. Spacer	2	X	X	X
17	4119333-3	. Fuel Cell Panel, L/H	1	X	X	X
18	4119333-4	. Fuel Cell Panel, R/H	1	X	X	X
19▲	AN525-10R6	. . Screw	34	X	X	X
–▲	MS21075L3N	. . Nutplate	54	X	X	X
–▲	AN525-10R8	. . Screw	2	X	X	X
–▲	MS21061L3	. . Nutplate	2	X	X	X
–▲	AN525-10R7	. . Screw	28	X	X	X
–▲	MS24694S51	. . Screw	2	X	X	X
20▲	AN525-10R10	. . Screw	32	X	X	X
21	4122065-25	. Gasket	1	X	X	X
22	4122074-905	. Fuel Cap Flange Assembly	1	X	X	X
22A	4122074-11	. . Flange	1	X	X	X
–	MS29561-232	. . O-Ring	1	X	X	X
23	AN525-416R8	. Screw	10	X	X	X
23∞	AN525-416R10	. Screw	2	X	X	X
23A†	AN525-416R14	. Screw	6		X	X
–∞	NAS1149C0463R	. Washer	2	X	X	X
24●	4122065-23	. Gasket	1	X	X	X
25●	4122065-15	. Cover Plate	1	X	X	X
26‡	4122071-1	. Dip Stick Tube	1	X	X	X
–	4122071-13	. Dip Stick	1	X	X	X
27†	4122065-33	. Cover	1		X	X
28†	AN525-416R10	. Screw	6		X	X
29†	ECD4092-1	. Fuel Quantity Transmitter	1		X	X
30†	4122084-1	. Flanged Cup Assembly	1		X	X
31†	NAS6604H2	. Bolt	6		X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-1. FUEL CELL INSTALLATION – AEROTECH/UFCC FUEL CELLS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
–	MS20995C25	. . Safety Wire	A/R		X	X
32†	MS28775-233	. O-Ring	1		X	X
33†	4122084-13	. Spanner Nut	1		X	X
34†	4122065-35	. Gasket	1		X	X
35†	NAS1149F0432P	. Washer	6		X	X

* Used on serial numbers 5046, 5048 and subsequent, with indicator P/N ECD4038-5.

** Effectivity 480B S/N 5147 and subsequent.

≡ See Appendix A for equivalent part information.

◆ Effectivity 480B S/N 5176 and subsequent. Retrofittable to 480 S/N 5001-5041, 480B S/N 5042 and subsequent.

● Hardware for the previous fuel probe installation (prior to 480B S/N 5198). Replaced by new fuel probe system.

† The new fuel probe installation hardware. Replaces previous fuel probe hardware. Effectivity 480B S/N 5198 and subsequent. Retrofittable to 480 S/N 5014-5041 and 480B S/N 5042 and subsequent modified in accordance with SIL T-061.

‡ 480B S/N 5231 and subsequent and helicopters modified in accordance with SIL T-062 are not equipped with item 26.

° Effectivity 480B S/N 5231 and subsequent. Retrofittable to 480B S/N 5042 and subsequent.

∞ Installed at the fuel cap flange assembly hinge. Effectivity 480B S/N 5231 and subsequent. Retrofittable to 480B S/N 5042 and subsequent.

◆◆ Effectivity 480B S/N 5251 and subsequent. Retrofittable to 480/480B S/N 5013 and subsequent.

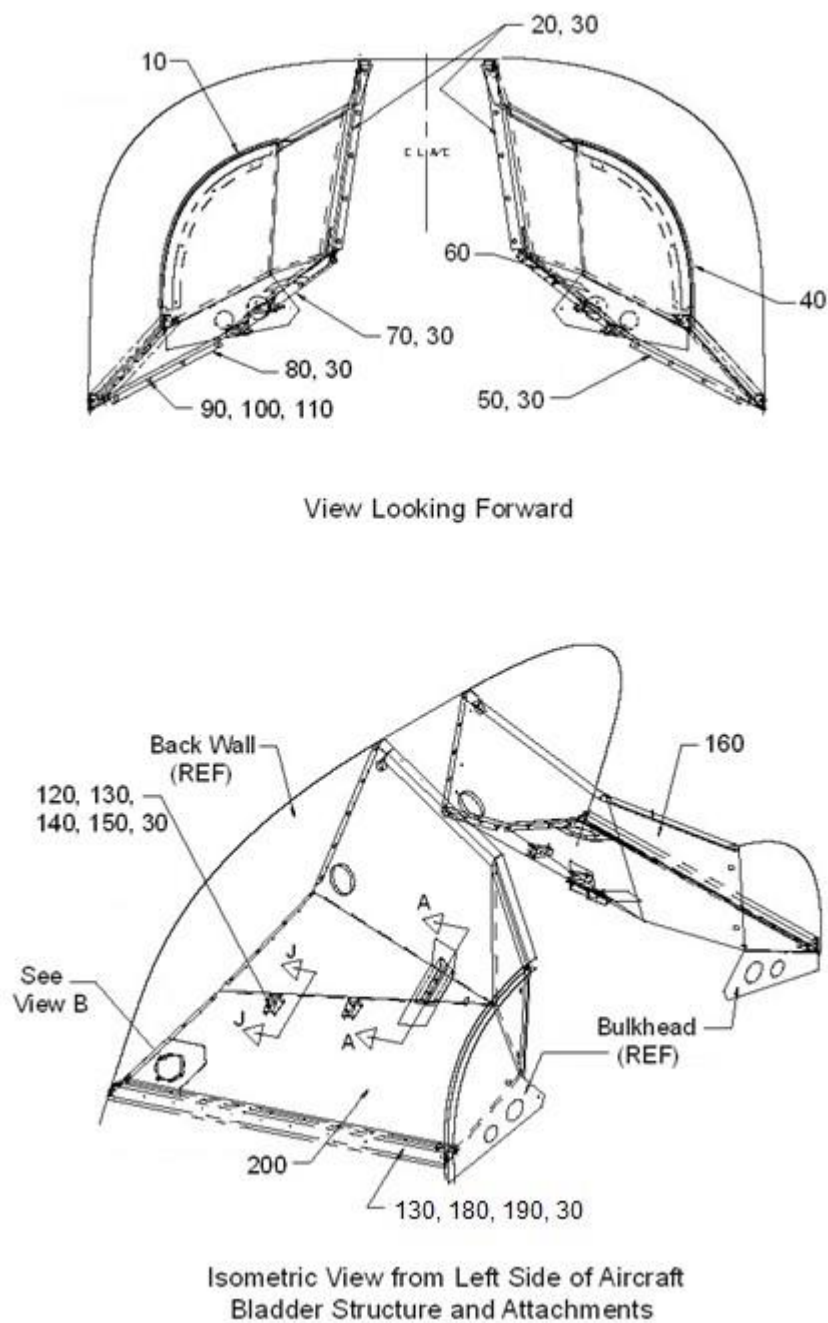
▲ Hardware used in 4119333-3 and 4119333-4 assemblies.

► Effectivity 480B S/N 5259 and subsequent. Retrofittable 480B S/N 5042 and subsequent.

◇ 4122052-103 is an acceptable alternate.

△ 4122052-104 is an acceptable alternate.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG



Sheet 1 of 4
480/480B: S/N 5001 and Subsequent

FIGURE 5-2. FUEL BLADDER STRUCTURE ASSY/INSTALL- AEROTECH/UFCC FUEL CELLS

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-5. FUEL LINE INSTALLATION – AEROTECH/UFCC FUEL CELLS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
1	4122030-5	. Vent Line	1	X	X	X
2	AN824-8D	. Tee	1	X	X	X
3	4122030-7	. Vent Line	2	X	X	X
4	NAS1922-0100-3	. Clamp	2	X	X	X
5	AN520-10R16	. Screw	1	X	X	X
6	SM21919F8	. Clamp	1	X	X	X
7	AN960-10L	. Washer	1	X	X	X
8	AN364-1032A	. Nut	1	X	X	X
9	4122059-3	. Crossover	1	X	X	X
10	NAS1922-0225-3	. Clamp	2	X	X	X
11	MS35489-14	. Grommet	3	X	X	X
12	4122035-5	. Hose Assembly	1	X	X	X
–	801-8	. . Hose	50"	X	X	X
–	4120038-25	. . Placard	1	X	X	X
13	SST1M-MP	. Tie Wrap	8	X	X	X
14	MS21919WCJ14	. Clamp	2	X	X	X
15	MS21919WCJ16	. Clamp	2	X	X	X
16	MS35206-246	. Screw	9	X	X	X
17	NAS1149FN816P	. Washer	18	X	X	X
18	MS21042-08	. Nut	9	X	X	X
18A	S8P150	. Plus Nut	2	X	X	X
19	4122025-3	. Fuel Line	2	X	X	X
20	MS21919WCJ18	. Clamp	3	X	X	X
21	AN743-13	. Bracket	3	X	X	X
22	CR3213-4-02	. Rivet	4	X	X	X
23	4122035-3	. Hose Assembly	1	X	X	X
–	801-4	. . Hose	16"	X	X	X
–	4120038-23	. . Placard	1	X	X	X
24	4122029-3	. Drain Line	1	X	X	X
25	4122035-1	. Drain Hose Assembly	1	X	X	X
26	MS21919WCJ8	. Clamp	2	X	X	X
27*	4122037-14	. Drain Line	1		X	X
27	4122037-12	. Drain Line (Obsolete)	1	X	X	X
28*	4122037-13	. Drain Line	1		X	X
28	4122037-11	. Drain Line (Obsolete)	1	X	X	X
29	LW12878-4S-260	. Hose Assembly	1	X	X	X

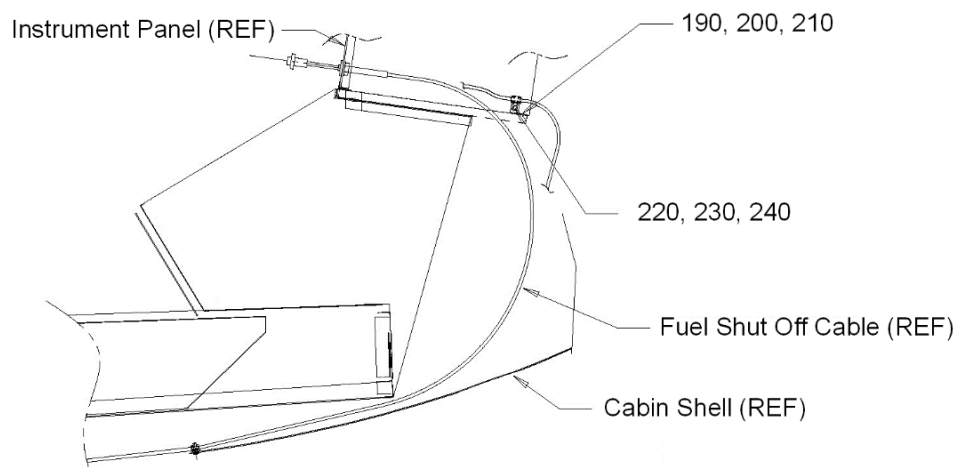
ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-5. FUEL LINE INSTALLATION – AEROTECH/UFCC FUEL CELLS

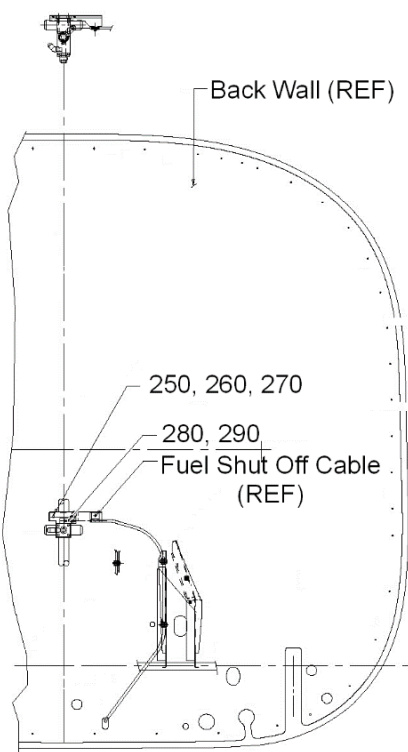
ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
29A	4122026-9	. Hose Assembly	1		X	X
30	MS21919WF10	. Clamp	1	X	X	X
31	ABMS-A	. Mount	1	X	X	X
32	4122029-1	. Drain Line Assembly	1	X	X	X
33	4122035-1	. Drain Hose Assembly	1	X	X	X
–	801-4	. . Hose	12"	X	X	X
–	4120038-23	. . Placard	1	X	X	X
34	4122029-15	. Drain Line	1	X	X	X
34A	4122029-7	. Drain Line Assembly	1		X	X
35	444-4-2-6	. Clamp	2	X	X	X
36	MS35489-14	. Grommet	1	X	X	X
37	MS35489-20	. Grommet	1	X	X	X
38	4122028-3	. Drain Line	1	X	X	X
39	MS21919WF4	. Clamp	2	X	X	X
40	AN525-832R7	. Screw	2	X	X	X
41	AN960-8L	. Washer	4	X	X	X
42	AN364-832A	. Nut	2	X	X	X
43	786-4-CU	. Clamp	1	X	X	X
44	4122030-9	. Vent Line Assembly	1		X	X
45	4122030-105	. Vent Line Assembly	1		X	X
46	4122030-101	. Vent Line Assembly	1		X	X
47	MS21919WCJ8	. Clamp	3		X	X
48	MS35206-244	. Screw	2		X	X
49	NAS1149FN816P	. Washer	3		X	X
50	MS35338-244	. Lock Washer	1		X	X
51	MS21042-08	. Nut	1		X	X
52	MS35206-246	. Screw	1		X	X
53	MS35333-40	. Lock Washer	2		X	X
54	MS21919WCJ12	. Clamp	1		X	X
55	#1	. Clamp	4		X	X
56	AN3-4A	. Bolt	1		X	X
57	NAS1149F0332P	. Washer	1		X	X

* Effectivity S/N 5147 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG



Alternate Cable Routing



View B-B
View Looking Forward

Sheet 2 of 2

480: All S/N
480B: S/N 5146 and subsequent

FIGURE 5-11. FUEL SHUTOFF CABLE INSTALLATION

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 5-11. FUEL SHUTOFF CABLE INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4122050-7	Fuel Shut Off Valve Installation	REF		X	X
10*	A700RD11800	. Cable Assembly, Fuel Shutoff	1		X	X
20	444-4-2-6	. Clamp	1		X	X
30	MS35206-246	. Screw, Machine	1		X	X
40	MS35338-42	. Lock Washer	1		X	X
50	NAS1149FN832P	. Washer	1		X	X
60	MS35649-282	. Nut	1		X	X
70	439SS-4-8-2-6	. Clip	3		X	X
80	AN525-832R10	. Screw	3		X	X
90	MS35338-42	. Lock Washer	3		X	X
100	NAS1149FN832P	. Washer	3		X	X
110	MS35649-282	. Nut	3		X	X
120‡	MS21919WCJ4	. Clamp	2		X	X
120	MS21919F4	. Clamp (Superseded by MS21919 WCJ4)	2		X	X
130	AN515-8R8	. Screw	2		X	X
140	MS35338-42	. Lock Washer	2		X	X
150	NAS1149FN832P	. Washer	2		X	X
160	MS35649-282	. Nut	2		X	X
170●	4119917-11	. Placard	1		X	X
170	4119835-27	. Placard (Superseded by 4119917-11)	1		X	X
180†	CP25WB+	. Caulk	1		X	X
190†	786-4	. Clamp	1		X	X
200†	MS35206-245	. Screw	1		X	X
210†	AN960-8L	. Washer	1		X	X
220†	AN525-832R7	. Screw	1		X	X
230†	AN960-8L	. Washer	1		X	X
240†	AN364-832A	. Nut	1		X	X
250**	4122051-101	. Valve Assembly Fuel Shut Off	1		X	X
260**	MS27039-1-08	. Screw, Machine	2		X	X
270**	AN960-10	. Washer	2		X	X
280**	ECD093-11	. Nut, Stop, Door Cable/Wire	1		X	X
290**	1/8X832	. Screw, Set	1		X	X
300**	EA9359	. Adhesive: Structural	A/R		X	X

* Secure cable to fuel shut off bracket with existing screw.

** Effectivity 480B S/N 5146 and subsequent. Retrofittable to 480 S/N 5001, 480B S/N 5042 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 6-1.1 FIRE CURTAIN INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—*	4119500-107	Fire Curtain Installation	REF		X	X
10	4119526-1	. Fire Curtain Assembly	1		X	X
20	4119525-37	. Angle	1		X	X
30	8X1/2	. Screw	10		X	X
40	4119525-23	. Angle	1		X	X
50	4119525-45	. Strip	1		X	X
60	4119525-33	. Angle	1		X	X
70	4119525-43	. Strip	1		X	X
80	4119525-41	. Angle	1		X	X
90	4119525-49	. Strip	1		X	X
100	A01787-8Z-1D	. Tinnerman Nut	18		X	X
110	8X1/2	. Screw	6		X	X
120	MS20470A3-3	. Rivet	24		X	X
130	4119525-105	. Pan Assembly	1		X	X
—	A6196-8Z-1	. . Tinnerman	2		X	X
—	4119523-1	. . Drain Fitting Weldment	1		X	X
—	MS35649-282	. . Nut	7		X	X
—	MS35338-42	. . Lock Washer	7		X	X
—	NAS1149FN816P	. . Washer	7		X	X
—	MS35206-243	. . Screw	7		X	X
—	4129523-21	. . Vent Hose Adapter	1		X	X
—	MS20427M3-3	. . Rivet	36		X	X
—	A6195-8Z-1	. . Tinnerman	16		X	X
—	MS20615-3M2	. . Rivet	15		X	X
—	4119525-57	. . Pan	1		X	X
—	4119525-59	. . Angle	1		X	X
—	4119525-60	. . Angle	1		X	X
132	4119524-1	. Drain Tube	1		X	X
134	MS21919WCJ6	. Clamp	1		X	X
136	MS9101-03	. Bracket	1		X	X
140	4119525-61	. Strip	2		X	X
145	PLT1M-C71	. Cable Tie	3		X	X
150	4119525-107	. Shroud Assembly	1		X	X
—	MS20427M3-3	. . Rivet	26		X	X
—	A06195-8Z-1D	. . Tinnerman	13		X	X
—	4119525-67	. . Shroud	1		X	X
160	4119525-65	. Strip (L/H)	1		X	X
170	4119525-66	. Strip (R/H)	3		X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 6-1.1 FIRE CURTAIN INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
180	8X1/2	. Screw	8		X	X
190	4119525-101	. Strip Assembly	1		X	X
—	4119525-53	. . Strip	1		X	X
—	NAS686-A08K	. . Nut Plate	2		X	X
—	A06195-8Z-1D	. . Tinnerman	2		X	X
—	MS20427M3-3	. . Rivet	8		X	X
200	4119525-103	. Strip Assembly	1		X	X
—	4119525-55	. . Strip	1		X	X
—	A06195-8Z-1D	. . Tinnerman	2		X	X
—	MS20427M3-3	. . Rivet	2		X	X
210	4119525-27	. Angle (L/H)	1		X	X
220	4119525-29	. Angle (R/H)	1		X	X
230	AN525-832R8	. Screw	12		X	X
240	NAS1149FN816P	. Washer	12		X	X
240	AN960-8L	. Washer (Alternate)	12		X	X
250	4119525-51	. Strip	1		X	X
260	4119525-47	. Plate	1		X	X
270	AN931-3-9	. Grommet	1		X	X
280	4119525-25	. Strip	1		X	X
290	8X1/2	. Screw	2		X	X
300	4119525-3	. Angle Assembly	1		X	X
—	4119525-21	. . Angle	1		X	X
310	A01787-8Z-1D	. . Tinnerman	9		X	X
—	MS20427M3-3	. . Rivet	4		X	X
320	MS20470A3-3	. Rivet	21		X	X
330	8X1/2	. Screw	9		X	X
340	8X1/2	. Screw	7		X	X
350	4119525-109	. Strip Assembly	1		X	X
—	4119525-63	. . Strip	1		X	X
—	A06195-8Z-1D	. . Tinnerman	5		X	X
—	MS20427M3-3	. . Rivet	10		X	X
360	4119525-110	. Strip Assembly	1		X	X
—	4119525-64	. . Strip	1		X	X
—	A06195-8Z-1D	. . Tinnerman	5		X	X
—	MS20427M3-3	. . Rivet	10		X	X
370	8X3/8	. Screw	9		X	X
380	4119525-5	. Angle Assembly	1		X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 6-9. ENGINE OIL SYSTEM

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
15●	4129054-3	. Fitting Assembly (Superseded by 4129054-13)	1	X	X	X
16	MS28778-12	. . O-Ring	1	X	X	X
17††	4129054-31	. Fitting Assembly	1		X	X
17●●	4129054-17	. Fitting Assembly (Superseded by 4129054-31)	1	X	X	X
17●	4129054-7	. Fitting Assembly (Superseded by 4129054-17)	1	X	X	X
18	MS28778-8	. . O-Ring	1	X	X	X
19††	4129054-33	. Fitting Assembly	3		X	X
19●●	4129054-19	. Fitting Assembly (Superseded by 4129054-33)	3	X	X	X
19●*	4129054-9	. Fitting Assembly (Superseded by 4129054-19)	3	X	X	X
20	MS28778-10	. . O-Ring	3	X	X	X
21††	4129054-35	. Fitting Assembly	2		X	X
21●●	4129054-11	. Fitting Assembly (Superseded by 4129054-35)	2	X	X	X
21●	4129054-1	. Fitting Assembly (Superseded by 4129054-11)	2	X	X	X
22	MS28778-12	. . O-Ring	2	X	X	X
23	6502-12	. Heat Exchanger	1	X	X	X
24	AN814-4DL	. Plug	2	X	X	X
25	MS28778-4	. O-Ring	2	X	X	X
26	4129112-1	. Channel Assembly	1	X	X	X
26	4129112-11	. Channel (Replaced by 4129112-1)	1	X	X	X
27	MS21075L3N	. . Nut Plate	6	X	X	X
27	NAS1068-A3	. . Nut Plate (Replaced by MS21075L3N)	6	X	X	X
28	NAS1097AD3-3	. . Rivet	12	X	X	X
28	MS20426AD3-2	. . Rivet (Replaced by NAS1097AD3-3)	12	X	X	X
29	NAS6603-8	. Bolt	2	X	X	X
29	AN3-7A	. Bolt (Superseded by NAS6603-8)	2	X	X	X
30	NAS1149D0363H	. Washer	2	X	X	X
30	AN960D10	. Washer (Alternate)	2	X	X	X
31	NAS66032	. Bolt	4	X	X	X
31	AN3-4A	. Bolt (Superseded by NAS66032)	4	X	X	X
32	NAS1149F0332P	. Washer	8	X	X	X
32	NAS620-10	. Washer (Replaced by NAS1149F0332P)	8	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 6-9. ENGINE OIL SYSTEM

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
33	NAS6603-4	. Bolt	1	X	X	X
33	AN3-5A	. Bolt (Superseded by NAS6603-4)	1	X	X	X
34	AD-B283101	. Oil Filter Assembly (APM)	1	X	X	X
35	AC-B283F-107	. . Filter Element	1	X	X	X
36	M83248/1-138	. . O-Ring	1	X	X	X
34**	1740001-01	. Oil Filter Assembly (Purolator/Facet) Fittings supplied with filter.	1	X	X	X
35	038088-08	. . Filter Element	1	X	X	X
35	038088-08-80	. . Filter Element (Alternate)	1	X	X	X
—	1741125	. . Seal Kit	1	X	X	X
37	NAS6604-27	. Bolt	2	X	X	X
37	AN4-21A	. Bolt (Superseded by NAS6604-27)	2	X	X	X
38†	NAS1149D0463H	. Washer	A/R	X	X	X
38†	AN960D416	. Washer (Alternate)	A/R	X	X	X
39	MS21044N4	. Nut	3	X	X	X
39	AN365-428A	. Nut (Superseded by MS21044N4)	3	X	X	X
40	4129124-11	. Bracket	1	X	X	X
41	NAS6604-29	. Bolt	1	X	X	X
41	AN4-22A	. Bolt (Superseded by NAS6604-29)	1	X	X	X
42	MS21044N3	. Nut	1	X	X	X
42	AN365-1032A	. Nut (Superseded by MS21044N3)	1	X	X	X
43	ECD4034-7	. Hose Assembly	1	X	X	X
44	ECD4034-3	. Hose Assembly	1	X	X	X
45	ECD4034-1	. Hose Assembly	1	X	X	X
46	ECD4034-5	. Hose Assembly	1	X	X	X
47	ECD4034-9	. Oil Line Assembly	1	X	X	X
48	MS21919WF18	. Clamp	3	X	X	X
49	MS21919WF14	. Clamp	1	X	X	X
50	AN525-832R7	. Screw	2	X	X	X
51	NAS1149FN816P	. Washer	4	X	X	X
51	AN960-8L	. Washer (Alternate)	4	X	X	X
52	MS21083N08	. Nut	2	X	X	X
52	AN364-832A	. Nut (Superseded by MS21083N08)	2	X	X	X
53	4129136-11	. Isolator	4	X	X	X
54	4129136-13	. Isolator	8	X	X	X
55	4129136-15	. Flanged Spacer	4	X	X	X
56	AN370-3	. Washer	1	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 6-10. OIL COOLER BLOWER INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
21	4129102-107	. Short Shaft Assembly (Superseded by 4129102-13)	1	X	X	X
22	28-01041-3	. Flex Pack	2	X	X	X
23	NAS6604-7	. Bolt	8	X	X	X
23	AN4-7A	. Bolt (Superseded by NAS6604-7)	8	X	X	X
24	NAS1149F0463P	. Washer	A/R	X	X	X
24	AN960-416	. Washer (Alternate)	A/R	X	X	X
24	NAS1149F0432P	. Washer	A/R	X	X	X
24	AN960-416L	. Washer (Alternate)	A/R	X	X	X
25	28-13621-13	. Flex Coupling Washer	16	X	X	X
26	MS21044N4	. Nut	8	X	X	X
26	AN365-428A	. Nut (Superseded by MS21044N4)	8	X	X	X

* TH-28, S/N 3007 and subsequent; 480, S/N 5037 through 5041.

** 480, S/N 5022 only.

+ 480, S/N 5042 and subsequent.

† 480, S/N 5001 only.

• Acceptable alternative on 480/480B S/N 5001 – 5060.

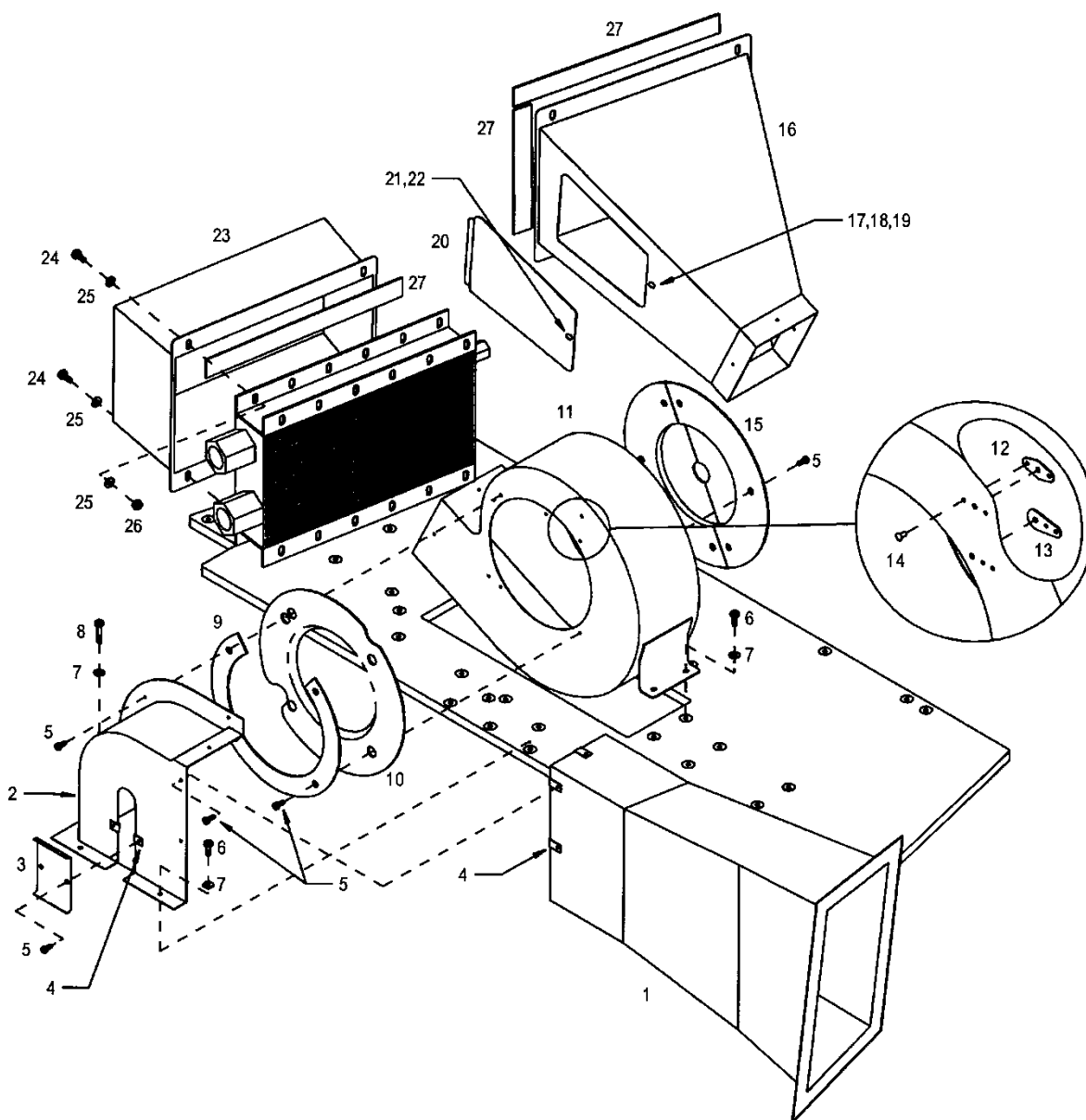
•• 480B, S/N 5156 and subsequent.

± On S/N 5148 and subsequent: If the hole for the taper pin is too deep, use 4130541-11 or 4130541-13 oversized taper pins.

△ S/N 5001 only

◀ Customer Service Use only: Eligibility TH-28/480/480B, all S/N.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG



See Figure 6-12 for aircraft retrofitted with latest ducting configuration.

FIGURE 6-11. OIL COOLER DUCTING TH-28 SN 3006, 480 SN 5001-5022

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-4. LOWER PULLEY ASSEMBLY (GREASE LUBRICATED)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—*	4130500-101	. Lower Pulley Assembly	1	X	X	
—**	4130500-5	. Lower Pulley Assembly	1	X	X	
1	4130500-7	. . Bearing Housing Assembly	2	X	X	
2	4130509-1	. . . Bearing Housing	1	X	X	
3	24914	. . . Seal	1	X	X	
4	VH-325	. . . Retaining Ring	1	X	X	
5	ECD4056-5	. . . Bearing	1	X	X	
5	ECD4056-3	. . . Bearing (Alternate)	1	X	X	
5	ECD4056-1	. . . Bearing (Alternate)	1	X	X	
6	27539	. . . Seal	1	X	X	
7	VH-400	. . . Retaining Ring	1	X	X	
8	00208	. . . Pressure Vent Cap	1	X	X	
9	H1911Z3	. . . Fitting, Grease	1	X	X	
9	1911-B	. . . Fitting, Grease (Alternate)	1	X	X	
10	4130508-13	. . Splined Outer Shaft	1	X	X	
11	4130513-13	. . Spacer	1	X	X	
12	4130510-19	. . Driver Pulley (Used with 4130500-101)	1	X	X	
12	4130510-17	. . Driver Pulley (Used with 4130500-5)	1	X	X	
13	4130512-13	. . Bearing Retainer	1	X	X	
14	4130517-13	. . Sleeve	1	X	X	
15	4130524-13	. . Nut	1	X	X	
—	4130500-901	. Shaft and Hub Assembly, M/R Lower Pulley	1	X	X	
16	4130506-15	. . Splined Inner Shaft	1	X	X	
17	4130516-17	. . Hub Coupling	1	X	X	
18	AN386-2-9A	. . Taper Pin	1	X	X	
18†	4130541-11	. . Taper Pin (Alternate to AN386-2-9A)	1	X	X	
18†	4130541-13	. . Taper Pin (Alternate to AN386-2-9A)	1	X	X	
19	AN960-10	. . Washer	1	X	X	
20	AN364-1032A	. . Nut	1	X	X	
21	4130504-13	. Splined Coupling	1	X	X	
22	C148740	. Washer	1	X	X	
23	NAS509-12	. Nut	1	X	X	
24	ECD4024-1	. Flex Pack Assembly	2	X	X	
25	4130520-13	. Bolt	9	X	X	
26	AN960-516	. Washer	A/R	X	X	
26	AN960-516L	. Washer	A/R	X	X	
27	4130521-9	. Shim, .090"	A/R	X	X	

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-4. LOWER PULLEY ASSEMBLY (GREASE LUBRICATED)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
27	4130521-11	. Shim, .110"	A/R	X	X	
27	4130521-13	. Shim, .130"	A/R	X	X	
27	4130521-15	. Shim, .150"	A/R	X	X	
27	4130521-17	. Shim, .170"	A/R	X	X	
27	4130521-19	. Shim, .190"	A/R	X	X	
27	4130521-21	. Shim, .210"	A/R	X	X	
27	4130521-23	. Shim, .230"	A/R	X	X	
27	4130521-25	. Shim, .250"	A/R	X	X	
28	MS21044N5	. Nut: Self-Locking, 5/16-24	9	X	X	
28	AN364-524A	. Nut (Superseded by MS21044N5)	9	X	X	

* Used on TH-28, S/N 3007 and subsequent; 480, S/N 5017 and subsequent; or aircraft modified with the Increased Rotor Speed Kit, P/N 4230002.

** Used on 480, S/N 5001-5016.

† On S/N 5148 and subsequent: If the hole for the taper pin is too deep, use 4130541-11 or 4130541-13 oversized taper pins.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-6. UPPER PULLEY ASSEMBLY (KEYED PINION)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4130020-5	. Upper Pulley Assembly - Obsolete	1	X	X	
1	4130514-15	. . Pulley	1	X	X	
—	4142005-15	. . Pulley Hub Adapter	1	X	X	
2	4142010-11	. . Pulley Hub	1	X	X	
3	AN5-33A	. . Bolt	6	X	X	
4‡	NAS1149F0563P	. . Washer	6	X	X	
4	AN960-516	. . Washer (Superseded by NAS1149F0563P)	6	X	X	
5‡	MS21044N5	. . Nut	6	X	X	
5	AN364-524A	. . Nut (Superseded by MS21044N5)	6	X	X	
—*	4130020-9	. Upper Pulley Assembly	1	X	X	
1	4130514-17	. . Pulley	1	X	X	
2	4142010-11	. . Pulley Hub	1	X	X	
3	AN5-33A	. . Bolt	6	X	X	
4‡	NAS1149F0563P	. . Washer	6	X	X	
4	AN960-516	. . Washer (Superseded by NAS1149F0563P)	6	X	X	
5‡	MS21044N5	. . Nut	6	X	X	
5	AN364-524A	. . Nut (Superseded by MS21044N5)	6	X	X	
—‡•	4130060-111	. Upper Pulley Assembly	1		X	X
—**	4130030-3	. Upper Pulley Assembly (Superseded by 4130060-111)	1	X	X	X
1	4130538-11	. . Pulley	1	X	X	X
2	4142010-11	. . Pulley Hub	1	X	X	X
3	AN5-33A	. . Bolt	6	X	X	X
4‡	NAS1149F0563P	. . Washer	6	X	X	X
4	AN960-516	. . Washer (Superseded by NAS1149F0563P)	6	X	X	X
5‡	MS21044N5	. . Nut	6	X	X	X
5	AN364-524A	. . Nut (Superseded by MS21044N5)	6	X	X	X
6	28-13142-1	. Key	1	X	X	X
—‡	4130060-113	. Pinion Bearing Assembly	1		X	X
—	4130020-3	. Pinion Bearing Assembly (Superseded by 4130060-113)	1	X	X	X
7	4130501-11	. . Bearing Housing	1	X	X	X
8	28-13180-11	. . Shield	1	X	X	X
9	ECD014-11	. . Bearing	1	X	X	X
10	28-13323-11	. . Bearing Adapter	1	X	X	X
11≡	20526	. . Seal	1	X	X	X
12	28-13322-11	. . Seal Retainer	1	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-6. UPPER PULLEY ASSEMBLY (KEYED PINION)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
13	N5002-354-S-PP	. . Retaining Ring	1	X	X	X
14	H1911Z3	. . Fitting, Grease	1	X	X	X
14	1911-B	. . Fitting, Grease (Alternate)	1	X	X	X
15	28-13184-11	. Nut	1	X	X	X
–	MS20995C41	. Safety Wire	A/R	X	X	X
16	AN4-6A	. Bolt	2	X	X	X
17†	NAS1149D0463J	. Washer	2	X	X	X
17	AN960PD416	. Washer (Superseded by NAS1149D0463J)	2	X	X	X
18	4130530-11	. Shim, .060"	1	X	X	X
19	4130511-3	. Truss Assembly	1	X	X	X
20	AN176-17A	. Bolt	2	X	X	X
21†	NAS1149F0663P	. Washer	8	X	X	X
21	AN960-616	. Washer (Superseded by NAS1149F0663P)	8	X	X	X
22†	MS21044N6	. Nut	2	X	X	X
22	AN365-624A	. Nut (Superseded by MS21044N6)	2	X	X	X

* Used with M/R Transmission P/Ns 4130020-1, -7, -101, -103.

** Used with M/R Transmission P/N 4130030-1 and P/Ns 4130060-1, -3, -103.

≡ See Appendix A for equivalent part information.

† Effectivity 480B S/N 5194 and subsequent. Retrofittable to 480 S/N 5001 – 5041, 480B S/N 5042 and subsequent.

‡ Effectivity 480B S/N 5196 and subsequent. Retrofittable to 480 S/N 5001 – 5041, 480B S/N 5042 and subsequent.

• Used with M/R Transmission P/N 4130060-107

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-6.1. UPPER PULLEY ASSEMBLY (SPLINED PINION)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—*	4130060-7	. Upper Pulley Assembly	1			X
1	4130538-11	. . Pulley	1			X
2	4142010-1	. . Pulley Hub	1			X
3	AN5-33A	. . Bolt	6			X
4●	NAS1149F0563P	. . Washer	6			X
4	AN960-516	. . Washer (Superseded by NAS1149F0563P)	6			X
5●	MS21044N5	. . Nut	6			X
5	AN364-524A	. . Nut (Superseded by MS21044N5)	6			X
—	4130060-5	. Pinion Bearing Assembly	1			X
6	4130501-11	. . Bearing Housing	1			X
7	28-13180-11	. . Shield	1			X
8	ECD014-11	. . Bearing	1			X
9	4130046-11	. . Bearing Adapter	1			X
10●	20526	. . Seal	1			X
10	92X9537	. . Seal (Superseded by 20526)	1			X
11	28-13322-11	. . Seal Retainer	1			X
12	N5002-354-S-PP	. . Retaining Ring	1			X
13	H1911Z3	. . Fitting, Grease	1			X
13	1911-B	. . Fitting, Grease (Alternate)	1			X
14	28-13184-11	. Nut	1			X
—	MS20995C41	. Safety Wire	A/R			X
15	AN4-6A	. Bolt	2			X
16**	NAS1149D0463J	. Washer	2			X
16	AN960PD416	. Washer (Superseded by NAS114D0463J)	2			X
17	4130530-11	. Shim, .060"	1			X
18	4130511-3	. Truss Assembly	1			X
19	AN176-17A	. Bolt	2			X
20**	NAS1149F0663P	. Washer	8			X
20	AN960-616	. Washer (Superseded by NAS1149F0663P)	8			X
21**	MS21044N6	. Nut	2			X
21	AN365-624A	. Nut (Superseded by MS21044N6)	2			X

* Used with M/R Transmission P/Ns 4130060-9, -101, -105, -109

** Effectivity 480B S/N 5194 and subsequent. Retrofittable to 480B S/N 5042 and subsequent.

● Effectivity 480B S/N 5196 and subsequent. Retrofittable to 480B S/N 5042 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

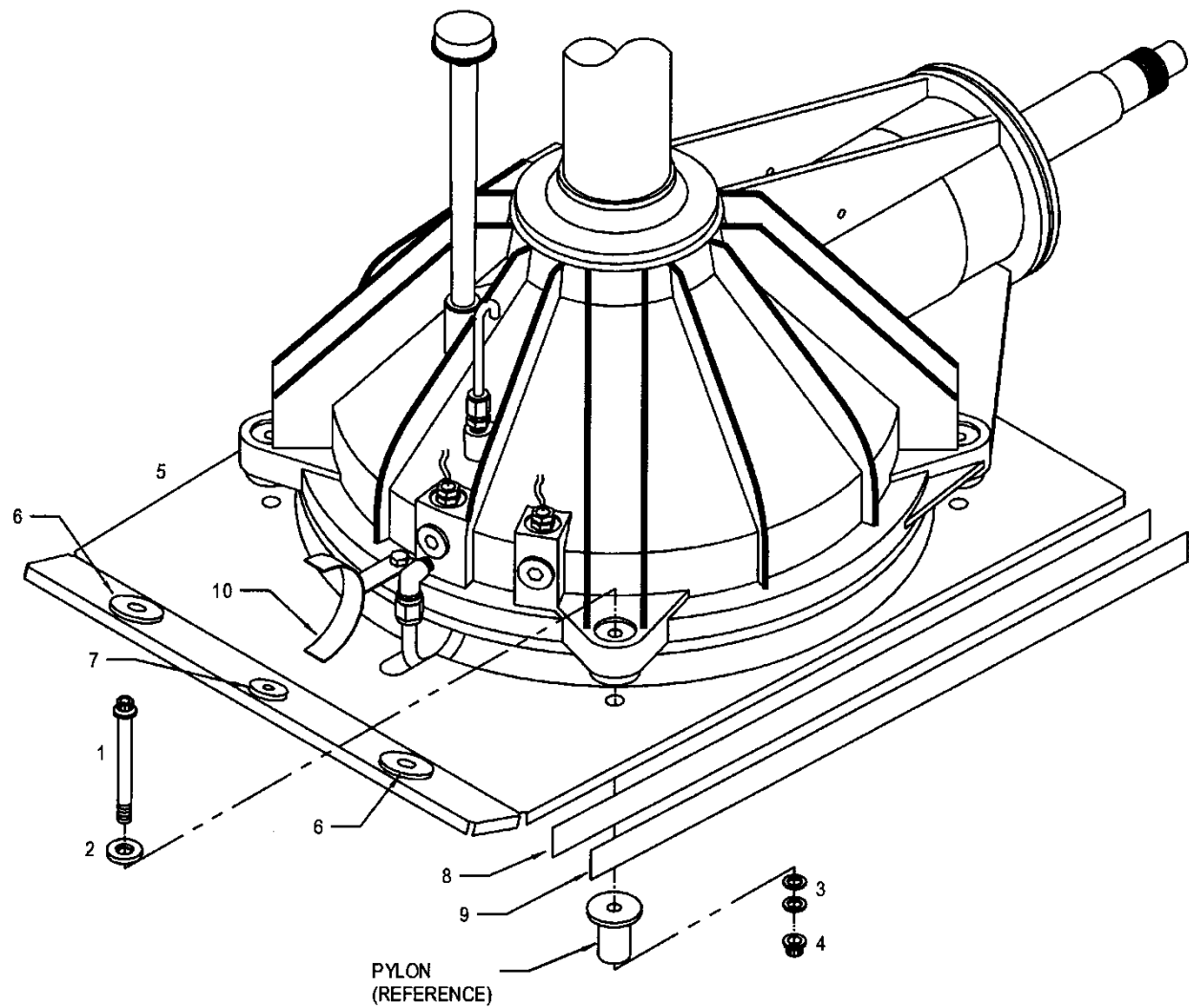


FIGURE 7-7. MAIN ROTOR TRANSMISSION INSTALLATION

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-8.1. MAIN ROTOR TRANSMISSION ASSEMBLY (SPLINED PINION)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4130060-109	. Main Rotor Transmission Assembly (See Figure 7-9 for Filtration/Cooling System Installation)	REF			X
—◆	4130060-115	. Main Rotor Transmission Sub-Assembly	1			X
—*	4130060-105	. Main Rotor Transmission Assembly (See Figure 7-9 for Filtration/Cooling System Installation) Inactive	REF			X
—	4130060-101	. Main Rotor Transmission Assembly (See Figure 7-9 for Filtration/Cooling System Installation) Inactive	REF			X
—	4130060-9	. Main Rotor Transmission Assembly (Alternate) See Figure 7-9 for Filtration/Cooling System Installation (Inactive)	REF			X
1	AN900-6	. Gasket	1			X
2	AN814-5DL	. Plug	1			X
3	MS35769-6	. Gasket, Metallic	1			X
4	28-13120-1	. Fitting Adapter	1			X
5	AN4076-1	. Fitting Element Temp, Cylinder Head	1			X
6	AN816-6D	. Adapter	1			X
7	MS20822-6D	. Elbow	1			X
8**	4130015-3	. Line Assembly	1			X
8	4130015-1	. Line Assembly (Superseded by 4130015-3)	1			X
—	28-13146-1	. Vent Assembly	1			X
9	28-13148-1	. . Vent Fitting	1			X
10	28-13149-1	. . . Line Assembly	1			X
11	35574	. Oil Fill Neck	1			X
12	4142008-11	. Cap, Gearbox Oil Fill	1			X
13	M93248/1-911	. O-Ring (Used with 2D8934)	1			X
13	MS28778-8	. O-Ring (Used with 2D7310)	1			X
14▲	2D8934	. Plug, Sight	1			X
14	2D7310	. Plug, Sight	1			X
—	MS20995C32	. Safety Wire	A/R			X
15	28-13107-15	. Gasket; Port, Inspection	1			X
15	4130021-25	. Gasket (Obsolete replaced with 28-13107-15)	1			X
16	4130021-23	. Cover Plate MRGB	1			X
17	AN960-416	. Washer	2			X
18	AN935-416L	. Lock Washer	2			X
19	AN4-3A	. Bolt	2			X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-8.1. MAIN ROTOR TRANSMISSION ASSEMBLY (SPLINED PINION)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
20	MS28778-4	. . O-Ring	1			X
21	MS51525B4S	. . Fitting	1			X
22	34256	. . Seal, Oil (Upper Mast)	1			X
23	4130052-13	. . Slinger	1			X
24	1102	. . Seal (Pinion)	1			X
25	VH-375	. . Retaining Ring	1			X
†	8473H5L16	. . Seal (Mast, Lower)	2			X
†	1540	. . Seal (Mast, Lower, Alternate)	2			X
26	28-14368-2	. . Plug	2			X
–	NAS1612-10	. . O-Ring	2			X
–	MS28778-10	. . O-Ring	1			X
27	4192509-901	. . Magnetic Pickup, 1.5 inch thread length with connector plug	2			X
27	726621	. . Magnetic Pickup, 1.5 inch thread length	2			X
27	3025A17	. . Magnetic Pickup (Alternate)	2			X
27	3025A35	. . Magnetic Pickup, 3.5 inch thread length (Alternate to 726621)	2			X
28	28-13152-13	. . Jam Nut (Used with 3025A35)	2			X
–	28-13152-11	. . Spacer (Used with 3025A35)	2			X
29	28-16524-3	. . Shim, .020"	A/R			X
29	28-16524-5	. . Shim, .005"	A/R			X
30	MS28778-4	. . O-Ring	2			X
–	MS20995C32	. . Safety Wire	A/R			X
31	4130533-1	. . Tail Rotor Coupling	1			X
32	4130533-15	. . Washer	1			X
33	AN5-4A	. . Bolt	1			X
34	AA86146	. Temperature Probe (Alternate)	1			X
34	AN5546-1	. Temperature Probe (Alternate)	1			X
34	102-00007	. CHT RTD Probe (Alternate)	1			X
35	K010-0406	. Clear PVC Tube	A/R			X
36	PLB2S-CO	. Cable Tie	1			X

* Used on 480B, S/N 5114 and subsequent and 480B equipped with Increased Cooling Kit, P/N 4230031.

** Effectivity 480B S/N 5203 and subsequent. Retrofittable 480B S/N 5042 and subsequent.

† See Figure 7-8.2 for illustration.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

- ◆ Order 4130060-115-R for exchange/overhaul transmission (excludes cooling installation, and bearing housing, and pulley assemblies). Include bearing housing (Item 9, Figure 7-6.1) with the returned transmission.
- ▲ Used with 4130005-101 gearbox housing. Effectivity S/N 5112 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

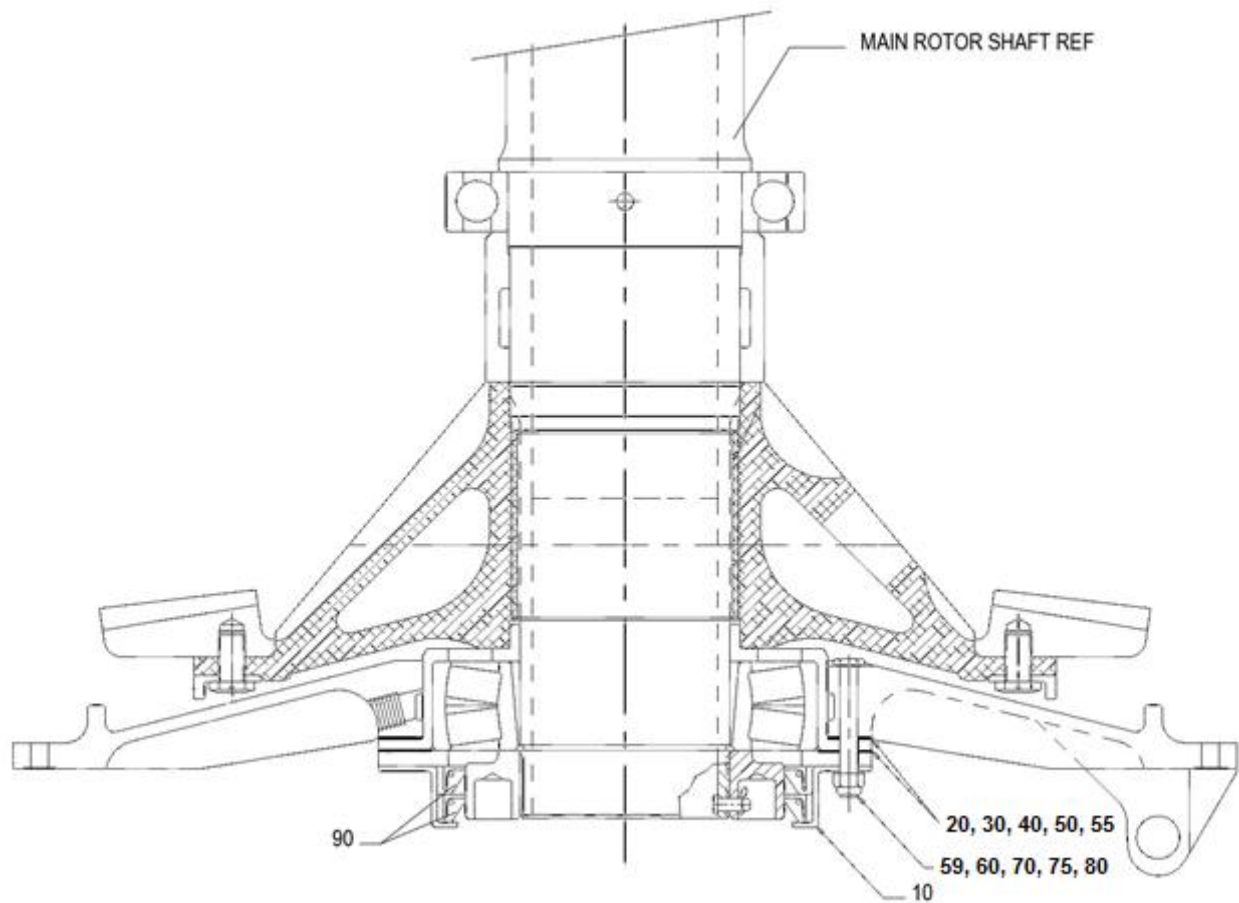


FIGURE 7-8.2 MAIN ROTOR TRANSMISSION SEAL RETAINER ASSEMBLY

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-10. TAIL ROTOR DRIVE SHAFT INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
1	4136000-903	. Shaft Assembly (Used with 4130020 -1, -7, -101, -103; 4130030-1; and 4130060 -1, -3, -103, -107 Main Rotor Transmissions)	1	X	X	X
1	4136000-907	. Shaft Assembly, Short (Used with 4130060 -9, -101, -105, -109 Main Rotor Transmissions)	1			X
2	4130505-8	. . Coupling, Tail Rotor Drive Shaft	2	X	X	X
—	AN386-2-9A	. . Taper Pin	2	X	X	X
—	AN975-3	. . Washer, Taper Pin	2	X	X	X
—	AN364-1032A	. . Nut	2	X	X	X
3	4136000-902	. Shaft Assembly, Long	1	X	X	X
4	4130505-8	. . Coupling, Tail Rotor Drive Shaft	2	X	X	X
—	AN386-2-9A	. . Taper Pin	2	X	X	X
—	AN975-3	. . Washer, Taper Pin	2	X	X	X
—	AN364-1032A	. . Nut	2	X	X	X
5	4136000-913	. Bearing Housing Assembly	5	X	X	X
6*	28-13611-15	. . Bearing Housing	1		X	X
6	28-13611-13	. . Bearing Housing (Superseded by 28-13611-15)	1	X	X	X
7	ECD015-11	. . Bearing	1	X	X	X
8	N5000-187-S-PP	. . Retaining Ring	1	X	X	X
9	4136002-15	. . Bushing, Rubber	1	X	X	X
10	H1637Z3	. . Grease Fitting	1	X	X	X
10	1637-B	. . Grease Fitting (Alternate)	1	X	X	X
11	28-13605-4	. Shim, .007"	A/R	X	X	X
11	28-13605-5	. Shim, .020"	A/R	X	X	X
11	28-13605-6	. Shim, .032"	A/R	X	X	X
11	28-13605-7	. Shim, .063"	A/R	X	X	X
11	28-13605-8	. Shim, .025"	A/R	X	X	X
12	AN3-5A	. Bolt	8	X	X	X
12	AN3H5A	. Bolt (Used on Aft Bearing Housing)	2	X	X	X
—	MS20995C32	. Safety Wire	A/R	X	X	X
13	AN960-10	. Washer	10	X	X	X
14	ECD4025-1	. Flex Pack	3	X	X	X
15	AN4-7A	. Bolt	18	X	X	X
15	AN4H7A	. Bolt (Forward Hub, 4136000-907 only)	1	X	X	X
—	MS20995C41	. Safety Wire	A/R	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 7-10. TAIL ROTOR DRIVE SHAFT INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
16	AN960C416L	. Washer	A/R	X	X	X
16	AN960C416	. Washer	A/R	X	X	X
17	28-13621-13	. Flex Coupling Washer	36	X	X	X
18	AN365-428A	. Nut	18	X	X	X

* Effectivity 480B S/N 5209 and subsequent. Retrofittable to 480 S/N 5001 – 5041, 480B S/N 5042 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-1. MAIN ROTOR HUB ASSEMBLY – GREASE LUBRICATED

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—●	28-14219-7	. Hub Center Section Assembly	1	X	X	
—*	28-14219-3	. Hub Center Section Assembly (Superseded by 28-14219-7)	1	X	X	
1	AN5H-6A	. . Bolt	3	X	X	
2●●	AN5H-45A	. . Bolt	3	X	X	
2	AN5H-46A	. . Bolt (Superseded by AN5H-45A)	9	X	X	
3♦	NAS1149D0563H	. . Washer	9	X	X	
3†●●	AN960D516L	. . Washer (Superseded by NAS1149D0563H)	12	X	X	
3	AN960D516	. . Washer (Superseded by AN960D516L)	6	X	X	
4	28-14202-1	. . Bracket Assembly	3	X	X	
—	28-14250-1	. . . Flanged Bushing	2	X	X	
5●●	AN5-43A	. . Bolt	3	X	X	
5	AN5-44A	. . Bolt (Superseded by AN5-43A)	3	X	X	
6♦	NAS1149F0563P	. . Washer	6		X	
6♦	NAS1149F0532P	. . Washer (Under head of AN5-43A)	3		X	
6●●	AN960-516L	. . Washer (Superseded by NAS1149F0563P)	18	X	X	
6	AN960-516	. . Washer (Superseded by AN960-516L)	21	X	X	
7	28-14224-1	. . Shaft Adapter	1	X	X	
8	28-14244-1	. . Pin	3	X	X	
9●	28-14280-3	. . Hub Plate, Upper (Used with 28-14219-3 and Hydraulic Damper, 28-14375-107)	1	X	X	
9●	28-14280-5	. . Hub Plate, Upper (Used with 28-14219-7 and Hydraulic Damper, 28-14375-103)	1	X	X	
10	28-14252-1	. . . Bushing (Used with 28-14280-3)	3	X	X	
10	28-14359-11	. . . Bushing (Used with 28-14280-5)	3	X	X	
11	28-14223-1	. . Hub Spacer	1	X	X	
12	28-14290-3	. . Shim, .001"	A/R	X	X	
12	28-14290-5	. . Shim, .002"	A/R	X	X	
12	28-14290-7	. . Shim, .004"	A/R	X	X	
12	28-14290-9	. . Shim, .0075"	A/R	X	X	
13●	28-14281-3	. . Hub Plate, Lower (Used with 28-14219-3 and Hydraulic Damper, 28-14375-107)	1	X	X	
13●	28-14281-5	. . Hub Plate, Lower (Used with 28-14219-7 and Hydraulic Damper, 28-14375-103)	1	X	X	
14	28-14252-1	. . . Bushing (Used with 28-14281-3)	3	X	X	
14	28-14359-19	. . . Bushing (Used with 28-14281-5)	3	X	X	
15	28-14224-3	. . Shaft Adapter (Used with Main Rotor Transmission, P/N 4130020-1, -7, & -101)	1	X	X	

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-1. MAIN ROTOR HUB ASSEMBLY – GREASE LUBRICATED

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
15	28-14224-5	.. Shaft Adapter (Used with Main Rotor Transmission, P/N 4130020-103)	1	X	X	
16♦	MS21044N5	.. Nut	6		X	
16	AN365-524A	.. Nut (Superseded by MS20144N5)	6	X	X	
17 ≡	NK-500-8R6	.. Screw	12	X	X	
17‡♦	NK-500-8R5	.. Screw	3		X	
18♦	NAS1149DN816J	.. Washer	12		X	
18	AN960D8	.. Washer (Superseded by NAS1149DN816J)	12	X	X	
19	28-14228-1	.. Dust Cap	3	X	X	
20	28-14227-1	.. Lock Nut	3	X	X	
21	W-09	.. Lock Washer	3	X	X	
–	28-14219-901	.. Universal Block Assembly	3	X	X	
22♦♦ ◦	28-14117-11	... Universal Block	1	X	X	
22◦	28-14117-1	... Universal Block (Superseded by 28-14117-11)	1	X	X	
23	ECD092-1	... Bearing	2	X	X	
23	28NBC2040YZP	... Bearing (Alternate)	2	X	X	
24	28-14236-1	... Thrust Washer	2	X	X	
25	28-14251-1	... Pad – Stop L.H.	2	X	X	
26	28-14251-2	... Pad – Stop R.H.	2	X	X	
27	NK-510-10R10	... Screw	4	X	X	
28	H1641Z3	... Grease Fitting	1	X	X	
28	1641-B	... Grease Fitting (Alternate)	1	X	X	
28	MS15001-1	... Grease Fitting (Alternate)	1	X	X	
29	28-14236-1	.. Thrust Washer	3	X	X	
30	28-14006-3	.. Shim, .001"	A/R	X	X	
30	28-14006-5	.. Shim, .002"	A/R	X	X	
30	28-14006-7	.. Shim, .004"	A/R	X	X	
30	28-14006-9	.. Shim, .005"	A/R	X	X	
30	28-14006-11	.. Shim, .010"	A/R	X	X	
30	28-14006-13	.. Shim, .015"	A/R	X	X	
30	28-14006-15	.. Shim, .020"	A/R	X	X	
30	28-14006-17	.. Shim, .025"	A/R	X	X	
30	28-14006-19	.. Shim, .030"	A/R	X	X	
31	28-14256-1	.. Thrust Nut	3	X	X	
32	28-14257-1	.. Lock Key	3	X	X	
33♦	NAS1149FN832P	.. Washer	3		X	
33	AN960-8L	.. Washer (Superseded by NAS1149FN832P)	3	X	X	
34	H1911Z3	.. Fitting, Grease	6	X	X	

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-1. MAIN ROTOR HUB ASSEMBLY – GREASE LUBRICATED

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
34	1911-B	. . Fitting, Grease (Alternate)	6	X	X	
35	H1637Z3	. . Fitting, Grease	6	X	X	
35	1637-B	. . Fitting, Grease (Alternate)	6	X	X	
36**	ECD092-1	. Bearing: Rlr. 1.750 Needle. Greased	6	X	X	
36	28NBC2040YZP	. Bearing (Alternate)	6	X	X	
37	28-14009-1	. Shim, .001"	A/R	X	X	
37	28-14009-2	. Shim, .002"	A/R	X	X	
37	28-14009-3	. Shim, .003"	A/R	X	X	
37	28-14009-5	. Shim, .005"	A/R	X	X	
38	28-14235-1	. Spacer	3	X	X	
39	28-14008-1	. Hub Spacer	1	X	X	
40	28-14004-1	. Retention Nut	1	X	X	

* Useable on TH-28, S/N 3004 and subsequent, and 480, S/N 5001 thru 5041.

** Third Flapping Bearing Kit, P/N 4230024-1, eligible for installation.

● Effectivity 480/480B S/N 5095 and subsequent.

† One (1) washer under the head, three (3) under the nut.

≡ See Appendix A for equivalent part information.

●● Effectivity 480/480B S/N 5140 and subsequent.

◆ Effectivity 480B S/N 5212 and subsequent. Retrofittable to 480 S/N 5001 – 5041, 480B S/N 5042 and subsequent.

◆◆ Retrofittable to 480 S/N 5001 – 5041.

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

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

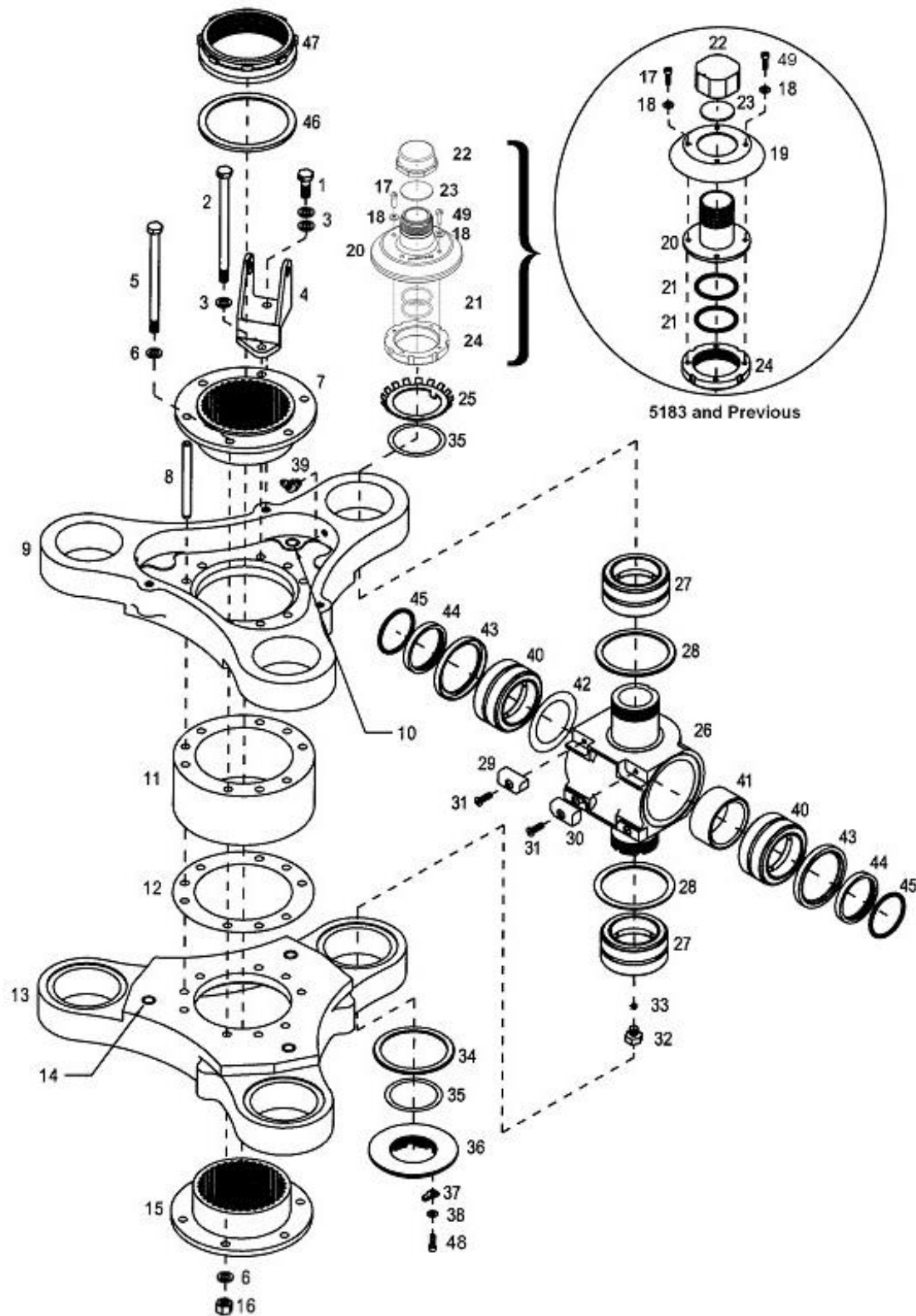


FIGURE 8-2. MAIN ROTOR HUB ASSEMBLY – OIL LUBRICATED

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-2. MAIN ROTOR HUB ASSEMBLY – OIL LUBRICATED

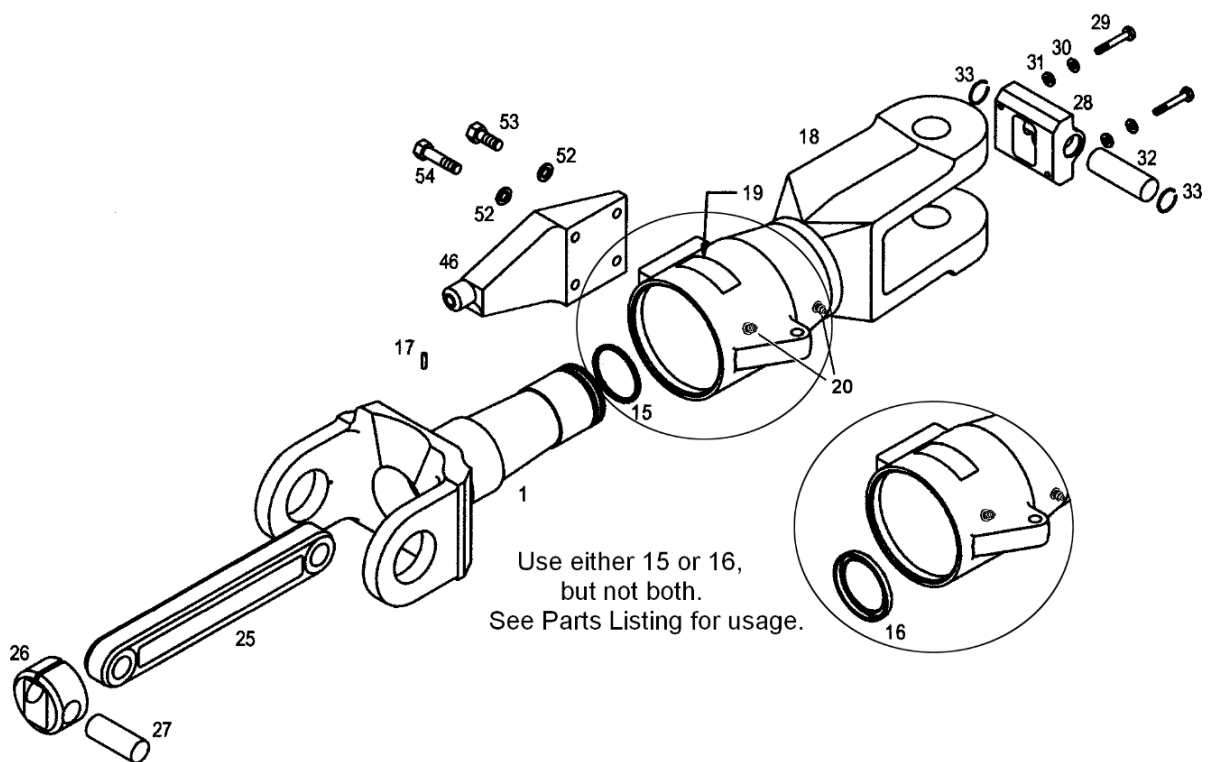
ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—*	28-14219-5	. Hub Center Section Assembly	1		X	X
1	AN5H-6A	. . Bolt	3		X	X
2●	AN5H-45A	. . Bolt	3		X	X
2	AN5H-46A	. . Bolt (Superseded by AN5H-45A)	9		X	X
3♦	NAS1149D0563H	. . Washer	9		X	X
3†♦	AN960D516L	. . Washer (Superseded by NAS1149D0563H)	9		X	X
3†	AN960D516	. . Washer (Superseded by AN960D516L)	9		X	X
4	28-14202-1	. . Bracket Assembly	3		X	X
—	28-14250-1	. . . Flanged Bushing	2		X	X
5●	AN5-43A	. . Bolt	3		X	X
5	AN5-44A	. . Bolt (Superseded by AN5-43A)	3		X	X
6♦	NAS1149F0563P	. . Washer	6		X	X
6‡♦	NAS1149F0532P	. . Washer	3		X	X
6††	AN960-516L	. . Washer (Superseded by NAS1149F0563P)	3		X	X
6● **	AN960-516	. . Washer	18		X	X
7	28-14224-1	. . Shaft Adapter	1		X	X
8	28-14244-1	. . Pin	3		X	X
9	28-14280-5	. . Hub Plate, Upper	1		X	X
10	28-14359-11	. . . Bushing	3		X	X
11	28-14223-1	. . Hub Spacer	1		X	X
12	28-14290-3	. . Shim, .001"	A/R		X	X
12	28-14290-5	. . Shim, .002"	A/R		X	X
12	28-14290-7	. . Shim, .004"	A/R		X	X
12	28-14290-9	. . Shim, .0075"	A/R		X	X
13	28-14281-5	. . Hub Plate, Lower	1		X	X
14	28-14359-19	. . . Bushing	3		X	X
15	28-14224-5	. . Shaft Adapter	1		X	X
16♦	MS21044N5	. . Nut	6		X	X
16	AN365-524A	. . Nut (Superseded by MS21044N5)	6		X	X
17≡	NK-500-8R8	. . Screw	9		X	X
18♦	NAS1149DN816J	. . Washer	12		X	X
18	AN960D8	. . Washer (Superseded by NAS1149DN816J)	12		X	X
19	4143013-17	. . Dust Cover (Replaced by 4143012-35)	3		X	X
20▲	4143012-35	. . Oil Reservoir (Replaces 4143012-7 and 4143012-17)	3		X	X
20	4143012-7	. . Oil Reservoir (Superseded by 4143012-35)	3		X	X
20	4143012-5	. . Oil Reservoir (Obsolete)	3		X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-2. MAIN ROTOR HUB ASSEMBLY – OIL LUBRICATED

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
21	MS28775-024	. . . O-Ring	6		X	X
22●●	4143012-101	. . Cover (Used with 4143012-35)	3		X	X
22	4143012-9	. . Cover (Used with 4143012-7) Superseded by 4143012-101	3		X	X
22	4143012-21	. . Cover (Used with 4143012-5) Obsolete	3		X	X
23	4143012-31	. . . Seal (Used with 4143012-9 and -101)	3		X	X
23	2-212	. . O-Ring (Used with 4143012-5) (Obsolete)	3		X	X
24	28-14227-1	. . Lock Nut	3		X	X
25	W-09	. . Lock Washer	3		X	X
–	28-14219-903	. . Universal Block Assembly	3		X	X
26	28-14117-13	. . . Universal Block	1		X	X
27	ECD092-1	. . . Bearing	2		X	X
27	28NBC2040YZP	. . . Bearing (Alternate)	2	X	X	
28	28-14236-1	. . . Thrust Washer	2		X	X
29	28-14251-1	. . . Pad – Stop, L.H.	2		X	X
30	28-14251-2	. . . Pad – Stop, R.H.	2		X	X
31	NK-510-10R10	. . . Screw	4		X	X
32	AN814-2D	. . Plug	3		X	X
33≡	NAS1612-2A	. . O-Ring	3		X	X
34	28-14236-1	. . Thrust Washer	3		X	X
35	28-14006-3	. . Shim, .001"	A/R		X	X
35	28-14006-5	. . Shim, .002"	A/R		X	X
35	28-14006-7	. . Shim, .004"	A/R		X	X
35	28-14006-9	. . Shim, .005"	A/R		X	X
35	28-14006-11	. . Shim, .010"	A/R		X	X
35	28-14006-13	. . Shim, .015"	A/R		X	X
35	28-14006-15	. . Shim, .020"	A/R		X	X
35	28-14006-17	. . Shim, .025"	A/R		X	X
35	28-14006-19	. . Shim, .030"	A/R		X	X
36	28-14256-1	. . Thrust Nut	3		X	X
37	28-14257-1	. . Lock Key	3		X	X
38♦	NAS1149FN832P	. . Washer	3		X	X
38	AN960-8L	. . Washer (Superseded by NAS1149FN832P)	3		X	X
39	H1637Z3	. . Grease Fitting	6		X	X
39	1637-B	. . Grease Fitting (Alternate)	6		X	X
40	ECD092-3	. Bearing	6		X	X
41	4143011-11	. Spacer	3		X	X
42	28-14009-1	. Shim, .001"	A/R		X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG



Sheet 2 of 2

FIGURE 8-3. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-3. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	28-14234-909	. Retention Assembly (Lamiflex Bearing)	3	X	X	
—	28-14381-1	. Retention Assembly (T-T Strap w/ O-Ring Seal, Superseded by 28-14381-3)	3	X	X	
—	28-14381-3	. Retention Assembly (T-T Strap w/ Lip Seal)	3	X	X	X
—	28-14234-901	. . Spindle Assembly (Used with 28-14234-909)	1	X	X	
—	28-14381-903	. . Spindle Assembly (Used with 28-14381-3)	1	X	X	X
1	28-14282-13	. . . Spindle (Used with 28-14234-901)	1	X	X	
1	28-14385-13	. . . Spindle (Used with 28-14381-1, Superseded by 28-14385-15)	1	X	X	X
1**	28-14385-15	. . . Spindle (Used with 28-14381-903)	1		X	X
2	28-14240-1	. . . Droop Stop Pad	1	X	X	X
3 ≡	NP500-8R8	 Screw	2	X	X	X
4	NAS1149DN832H	 Washer	2	X	X	X
5	28-14231-1	. . . Flapping Stop Pad	1	X	X	X
—	DP420	 Adhesive	A/R	X	X	X
—	28-14387-13	. . Adapter (Used with 28-14381-1)	1	X	X	
6	L-18X	. . Plug (Used with 28-14234-909)	1	X	X	
7	28-14311-1	. . Nylatron Strip (Used with 28-14234-909)	1	X	X	
8 ≡	10065 H1L5	. . Seal: Oil	1	X	X	X
9	40NBC2052YZP	. . Bearing	1	X	X	X
10	28-14261-1	. . Spacer	1	X	X	X
11	32NBC2044YZP	. . Bearing	1	X	X	X
12	RST-200	. . Retaining Ring	1	X	X	X
13	28-14313-1	. . DU Washer (Used with 28-14234-909)	1	X	X	
14	2-029	. . O-Ring (Used with 28-14234-909)	1	X	X	
14	NAS1611-029	. . O-Ring (Alternate) (Used with 28-14234-909)	1	X	X	
15	2-133	. . O-Ring (Used with 28-14381-1)	1	X	X	
15	NAS1611-133	. . O-Ring (Alternate) (Used with 28-14381-1)	1	X	X	
16 ≡	CR 17240	. . Seal: Retention (Used with 28-14381-3)	1	X	X	X
17	MS16555-27	. . Pin (Used with 28-14381-1 & -3)	1	X	X	X
18	28-14279-3	. . Grip Assembly (Used with 28-14234-909)	1	X	X	
18	28-14386-3	. . Grip Assembly (Used with 28-14381-1)	1	X	X	
18	28-14386-5	. . Grip Assembly (Used with 28-14381-3)	1	X	X	X
19	28-14270-1	. . Placard	1	X	X	X
20	H1641Z3	. . Fitting, Grease (1/4"-28 UNF-3B Thread) (Used with 28-14381-1)	1	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-3. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
20▼	1641-B	.. Fitting, Grease (1/4"-28 UNF-3B Thread) (Used with 28-14381-1) (Alternate)	2	X	X	X
20†	1650	.. Fitting, Grease (1/8" NPT Thread)	2	X	X	X
20	5045	.. Fitting, Grease (1/8" NPT Thread) (Superseded by 1650) (Obsolete)	2	X	X	X
21	28-14320-15	.. Lamiflex Bearing (Used with 28-14234-909)	1	X	X	
22	28-14293-7	.. Shim, .002" (Used with 28-14234-909)	A/R	X	X	
22	28-14293-9	.. Shim, .004" (Used with 28-14234-909)	A/R	X	X	
22	28-14293-11	.. Shim, .0075" (Used with 28-14234-909)	A/R	X	X	
22	28-14293-13	.. Shim, .010" (Used with 28-14234-909)	A/R	X	X	
23	28-14335-1	.. Nut (Used with 28-14234-909)	1	X	X	
24	AN380-4-8	.. Cotter Pin (Used with 28-14234-909)	1	X	X	
25	ECD084-1	.. Tension/Torsion Strap (Used with 28-14381-1 & -3)	1	X	X	X
25▲	AA-ECD-084-480	.. TT Strap Assembly	1	X	X	X
26	28-14381-902	.. Cylinder Assembly (Used with 28-14381-1 & -3)	1	X	X	X
—	28-14383-13	... Cylinder	1	X	X	X
—	28-14389-13	... Cover	1	X	X	X
27	28-14382-21	.. Pin (Used with 28-14381-1 & -3)	2	X	X	X
28	28-14381-901	.. Lug Assembly (Used with 28-14381-1 & -3)	1	X	X	X
—	28-14389-11	... Cover	1	X	X	X
—	28-14384-13	... Lug – TT Strap Retention	1	X	X	X
29	NAS6603-14	.. Bolt (Used with 28-14381-1 & -3)	2	X	X	X
29	AN3-12A	.. Bolt (Used with 28-14381-1 & -3) (Superseded by NAS6603-14)	2	X	X	X
30	NAS1149F0363P	.. Washer (Used with 28-14381-1 & -3)	2	X	X	X
30	AN960-10	.. Washer (Used with 28-14381-1 & -3) (Alternate)	2	X	X	X
31	NAS1149F0332P	.. Washer (Used with 28-14381-1 & -3)	2	X	X	X
31	AN960-10L	.. Washer (Used with 28-14381-1 & -3) (Alternate)	2	X	X	X
32	28-14382-19	.. Pin (Used with 28-14381-1 & -3)	1	X	X	X
33	VH-75	.. Retaining Ring (Used with 28-14381-1 & -3)	2	X	X	X
34	28-14239-1	.. Cover Assembly	1	X	X	X
—	X-142	... Channel	A/R	X	X	X
34	28-14239-5	.. Cover Assembly (Obsolete)	1	X	X	X
—	X-142	... Channel	A/R	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 8-3. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
35 ≡	NK-500-8R6	. . Screw	5	X	X	X
36	NAS1149DN832H	. . Washer	5	X	X	X
36	AN960D8	. . Washer (Alternate)	5	X	X	X
37	28-14100-9	. Main Rotor Blade	3	X	X	X
—	28-14119-11	. . Trim Tab	2	X	X	X
—	MS20470AD3-4	. . Rivet	10	X	X	X
38	28-14007-3	. Retention Pin	3	X	X	X
39	NAS1149C1290R	. Washer	3	X	X	X
39	AN960C1216	. Washer (Alternate)	3	X	X	X
40	MS21083N12	. Nut	3	X	X	X
40	AN364-1216A	. Nut (Superseded by MS21083N12)	3	X	X	X
41	28-14283-1	. Drag Link	3	X	X	X
42	AN176-15A	. Bolt	3	X	X	X
43	AN176-17A	. Bolt	3	X	X	X
44	NAS1149D0663H	. Washer	18	X	X	X
44	AN960D616	. Washer (Alternate)	18	X	X	X
45	MS21083N6	. Nut	6	X	X	X
45	AN364-624A	. Nut (Superseded by MS21083N6)	6	X	X	X
46	28-14278-1	. Pitch Arm	3	X	X	X
47	4143010-5	. Planipetal Weight (Used with 28-14234-909)	3	X	X	
48	MS20074-05-23	. Bolt (Used with 28-14234-909)	3	X	X	
49	MS24677-52	. Bolt (Used with 28-14234-909)	3	X	X	
50	MS20074-05-17	. Bolt (Used with 28-14234-909)	3	X	X	
51	MS20074-05-16	. Bolt (Used with 28-14234-909)	3	X	X	
52	NAS1149D0563H	. Washer	12	X	X	X
52	AN960D516	. Washer (Alternate)	12	X	X	X
53	AN75-A6	. Bolt (Used with 28-14381-1 & -3)	6	X	X	X
53	MS20074-05-06	. Bolt (Alternate)	6	X	X	X
53	MS24677-49	. Bolt (Alternate)	6	X	X	X
54	AN75-A12	. Bolt (Used with 28-14381-1 & -3)	6	X	X	X
54	MS20074-05-12	. Bolt (Alternate)	6	X	X	X
54*	MS24677-52	. Bolt (Alternate)	6	X	X	X
55	AN176-15A	. Bolt (Used with 28-14234-909)	3	X	X	
56	3/8 Harper	. Washer, Flat (Used with 28-14234-909)	A/R	X	X	
57	MS21044N6	. Nut (Used with 28-14234-909)	3	X	X	

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-11. LOWER SWASHPLATE ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4140520-5	Lower Swashplate Assembly	REF	X	X	X
1	4140531-13	. Bolt	1	X	X	X
2**	4140526-7	. Uni-Ball Assembly	1	X	X	X
—	4140525-11	. . Housing	1	X	X	X
—	VTB11350	. . Bearing Assembly (Uni)	1	X	X	X
2	4140526-3	. Uni-Ball Assembly (Superseded by 4140526-7)	1	X	X	X
3	ECD009-11	. Bearing Angular Contact	1	X	X	X
4	N5002-125-PP	. Retaining Ring	1	X	X	X
5	4140534-11	. Spacer	1	X	X	X
6	H1641Z3	. Fitting, Grease	1	X	X	X
6	1641-B	. Fitting, Grease (Alternate)	1	X	X	X
7*	28-16119-5	. Lower Universal Housing (Preferred Part)	1	X	X	X
7*	4140535-13	. Lower Universal Housing (Alternate)	1	X	X	X
8●	NAS1149F0732P	. Washer	2	X	X	X
8	AN960-716L	. Washer (Superseded by NA1149F0732P)	1	X	X	X
9	AN320-7	. Nut	1	X	X	X
10●●	MS24665-153	. Cotter Pin	4	X	X	X
10	AN381-2-12	. Cotter Pin (Superseded by MS24665-153)	4	X	X	X
11	AN320-6	. Nut	3	X	X	X
12	28-16227-3	. Washer Assembly	3	X	X	X
13	28-16263-5	. DU Bushing	4	X	X	X
14	28-16524-3	. Shim, .020"	A/R	X	X	X
14	28-16524-4	. Shim, .015"	A/R	X	X	X
14	28-16524-5	. Shim, .005"	A/R	X	X	X
14	28-16524-6	. Shim, .003"	A/R	X	X	X
14	28-16524-7	. Shim, .002"	A/R	X	X	X
14	28-16524-8	. Shim, .001"	A/R	X	X	X
15	08DU08	. Bearing	4	X	X	X
16	28-16226-5	. Sleeve	4	X	X	X
17	28-16223-19	. Universal Shaft	1	X	X	X
18●	28-16116-11	. Upper Universal Housing	1	X	X	X
18	28-16116-1	. Upper Universal Housing (Superseded by 28-16116-11)	1	X	X	X
19	28-16224-5	. Tie Rod Assembly	1	X	X	X
20	28-16225-19	. Spacer	2	X	X	X

* Effectivity S/N 5132 and subsequent.

** Effectivity 480B S/N 5158 and subsequent. Retrofittable to 480 S/N 5001, 480B S/N 5042 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

- Effectivity 480B S/N 5160 and subsequent. Retrofittable to 480 S/N 5001 to 5041 and 480B S/N 5042 and subsequent.
- Effectivity 480B S/N 5161 and subsequent. Retrofittable to 480 S/N 5001 to 5041 and 480B S/N 5042 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-12. UPPER SWASHPLATE ASSEMBLY AND CONTROLS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4140500-101	. Guide Tube Assembly	1	X	X	X
—	4140500-909	. Upper Swashplate Assembly (Superseded by 4140500-101)	1	X	X	X
1	28-16260-1	. . Retainer & Guide Shaft Assembly	1	X	X	X
2	28-16264-1	. . . Bushing	3	X	X	X
3	4140530-1	. . Main Rotor Control System	1	X	X	X
4	16DU16	. . . Bushing	6	X	X	X
—	4140500-9	. . Bearing Housing Assembly	1	X	X	X
—	4140500-911	. . Bearing Housing Assembly (Superseded by 4140500-9)	1	X	X	X
5	28-16106-2	. . . Spacer	1	X	X	X
6	28-16386-1	. . . Slinger	1	X	X	X
7	28-16108-2	. . . Bearing Housing	1	X	X	X
7*	28-16108-11	. . . Bearing Housing (Used with 4140500-9)	1	X	X	X
8	ECD013-11	. . . Bearing	1	X	X	X
9	28-16125-3	. . . Shim, .005"	A/R	X	X	X
9	28-16125-4	. . . Shim, .003"	A/R	X	X	X
9	28-16125-5	. . . Shim, .002"	A/R	X	X	X
10*	28-16043-19	. . . Bearing Retainer	1	X	X	X
10**	28-16043-11	. . . Bearing Retainer	1		X	
11	AN503-10-10	. . . Screw	6	X	X	X
12	H1637Z3	. . . Fitting, Grease	1	X	X	X
12	1637-B	. . . Fitting, Grease (Alternate)	1	X	X	X
13*	28-16112-17	. . Housing	1	X	X	X
13*	28-16112-15	. . Housing (Superseded by 28-16112-17 and used with 28-16043-19)	1	X	X	X
13	28-16112-13	. . Housing (Superseded by 28-16112-17 and used with 28-16043-11)	1	X	X	
14	28-16126-1	. . Lock Plate	1	X	X	X
15	28-16113-1	. . Nut	3	X	X	X
16	NAS1149F0432P	. Washer	3	X	X	X
16	AN960-416L	. Washer (Alternate)	3	X	X	X
17	NAS6604H1	. Bolt	3	X	X	X
17	AN4H-4A	. Bolt (Superseded by NAS6604H1)	3	X	X	X
—	MS20995C25	. Safety Wire	A/R	X	X	X
18	4167316-5	. Collective Walking Beam Assembly	1	X	X	X
18**	4167316-3	. Collective Walking Beam Assembly	1	X	X	
—	LHSSE-5	. . Bearing	2	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-12. UPPER SWASHPLATE ASSEMBLY AND CONTROLS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
–	4167333-13	. . Bushing	2	X	X	X
19	28-16109-1	. Bolt	2	X	X	X
19°	28-16109-11	. Bolt	2	X	X	X
–	28-16109-13	. Bushing (Used with 28-16108-11)	2	X	X	X
20	NAS6206-32D	. Bolt	2	X	X	X
21	NAS1149F0632P	. Washer	4	X	X	X
21	AN960-616L	. Washer (Alternate)	4	X	X	X
22	4167317-13	. Link	2	X	X	X
23	ECD050-15	. Washer, Flat	4	X	X	X
23	3/8 Harper	. Washer, Flat (Alternate)	4	X	X	X
24	28-16524-3	. Shim, .020"	A/R	X	X	X
24	28-16524-4	. Shim, .015"	A/R	X	X	X
24	28-16524-5	. Shim, .005"	A/R	X	X	X
24	28-16524-6	. Shim, .003"	A/R	X	X	X
24	28-16524-7	. Shim, .002"	A/R	X	X	X
24	28-16524-8	. Shim, .001"	A/R	X	X	X
25	4167318-11	. Spacer	2	X	X	X
26	NAS1149F0663P	. Washer	2	X	X	X
26	AN960-616	. Washer (Alternate)	2	X	X	X
27	AN320-6	. Nut	2	X	X	X
28	MS24665-300	. Cotter Pin	2	X	X	X
28	AN381-3-12	. Cotter Pin (Superseded by MS24665-300)	2	X	X	X
29	4140532-5	. Control Rod Assembly	3	X	X	X
29‡	4140532-3	. Control Rod Assembly (Alternate)	3	X	X	X
29‡	4140532-1	. Control Rod Assembly (Alternate)	3	X	X	X
30	M81934/1-08C012	. . Bearing	3		X	X
30 ≡	MS21240-08C12	. . Bearing (Superseded by M81934/1-08C012)	3	X	X	X
31●	28-16253-8	. . Shrink Tube – Control Rod	3	X	X	X
31	28-16253-6	. . Rod Sleeve (Superseded by 28-16253-8)	3	X	X	X
32††	28-16143-3	. Rod End Assembly	3		X	X
32	28-16143-1	. Dog Leg Rod End (Superseded by 28-16143-3)	3	X	X	X
–††	ECD030-11	. . Bearing	1		X	X
–	MS14103-4	. . Bearing (Superseded by ECD030-11)	1	X	X	X
33	AN320-8	. Nut	3	X	X	X
34	MS24665-302	. Cotter Pin	3	X	X	X
34	AN381-3-16	. Cotter Pin (Superseded by MS24665-302)	3	X	X	X
35†	28-16043-13	. Bracket	1	X	X	X
36†	NAS6603H2	. Bolt	2	X	X	X

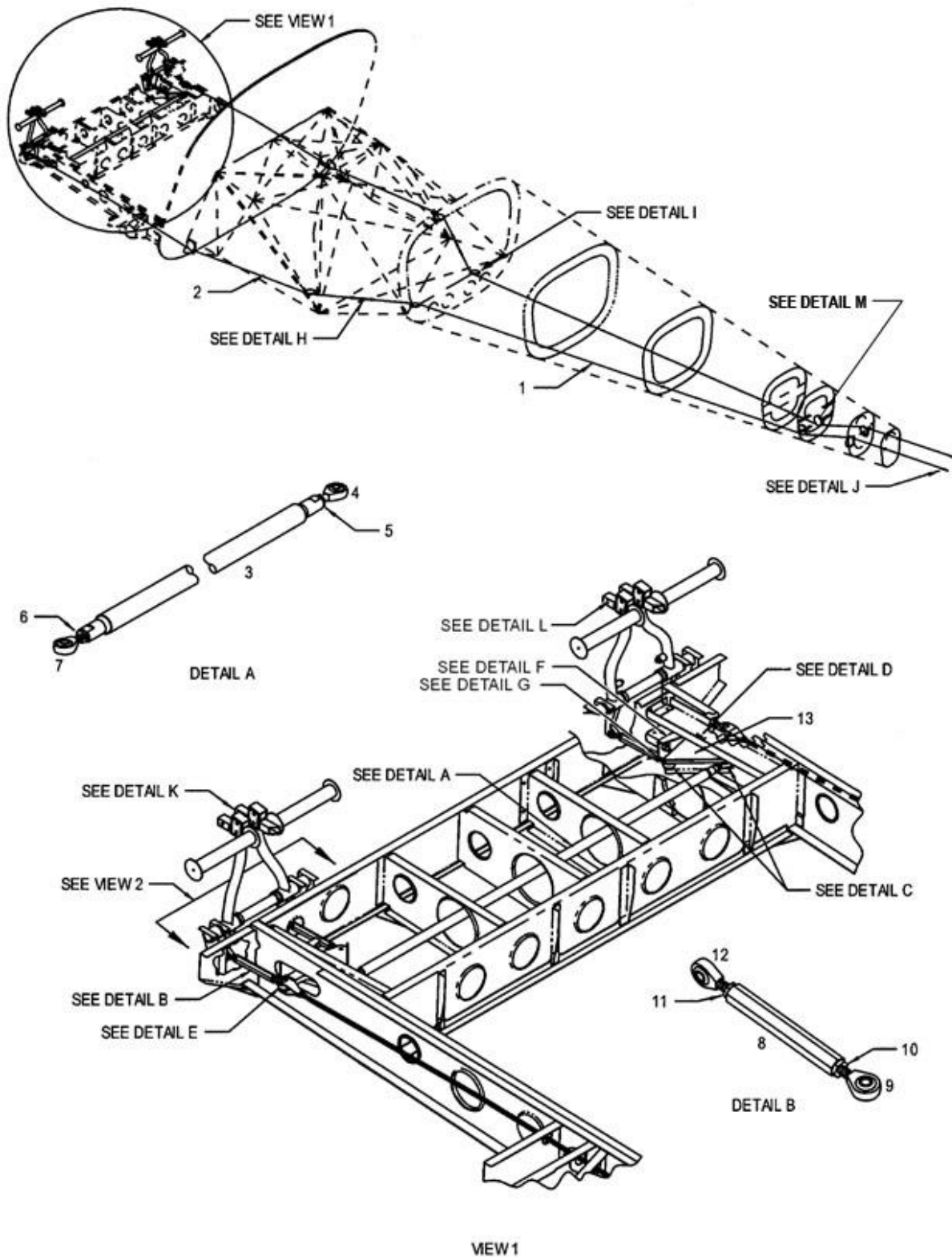
ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-13. MAIN ROTOR PITCH CHANGE CONTROLS

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4140500-7	Main Rotor Rotating Controls Installation	REF		X	X
1	28-14207-101	. Pitch Change Bellcrank	3	X	X	X
1	28-14207-9	. Pitch Change Bellcrank (Obsolete)	3	X	X	
2	GB-910	. . Bearing	2	X	X	X
3	H1641Z3	. . Fitting, Grease	1	X	X	X
3	1641-B	. . Fitting, Grease (Alternate)	1	X	X	X
4	28-14262-1	. Race, Bearing, Bellcrank	3	X	X	X
5	AN174-21	. Bolt	3	X	X	X
6	NAS1149F0432P	. Washer	6	X	X	X
6	AN960-416	. Washer (Superseded by NAS1149F0432P)	6	X	X	X
7	MS17825-4	. Nut, Hex Castellated	6	X	X	X
7	F12-NE-4753-048	. Nut (Superseded by MS17825-4)	6	X	X	X
8	MS24665-1013	. Cotter Pin	6	X	X	X
8	AN381-2-8	. Cotter Pin (Superseded by MS24665-1013)	6	X	X	X
9	AN4-11	. Bolt	3	X	X	X
10	01-691-05	. Rod End	3	X	X	X
11	AN316-5R	. Nut	3	X	X	X
12	28-16206-11	. Barrel	3	X	X	X
13	AN316-5L	. Nut	3	X	X	X
14	11-691-05	. Rod End	3	X	X	X
15	AN5-11	. Bolt	3	X	X	X
16	(Deleted)					
17	MS17825-5	. Nut, Hex Castellated	6	X	X	X
17	F12-NE-4753-054	. Nut (Superseded by MS17825-5)	6	X	X	X
18	AN5-16	. Bolt	3	X	X	X
19*	ECD050-19	. Washer, Stainless Steel	3	X	X	X
19	5/16 Harper	. Washer, Flat (Superseded by ECD050-19)	3	X	X	X
20	28-14259-3	. Washer, Rod End Bearing	6	X	X	X
21	NAS1149F0563	. Washer, Flat	3	X	X	X
22	28-16336-11	. Bushing	3	X	X	X
23	28-14250-1	. Bushing (Included in Item 1)	3	X	X	X
24	28-14250-3	. Bushing (Included in Item 1)	3	X	X	X
25Δ	NAS1149F0463P	. Washer	3	X	X	X
26Δ	NAS1149F0532P	. Washer	3	X	X	X
27	MS24665-151	. Cotter Pin	6	X	X	X

Δ Up to three washers total under bolt head and nut may be used to ensure proper engagement of cotter pin in nut castellation.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG



Sheet 1 of 5

FIGURE 9-14. TAIL ROTOR CONTROL SYSTEM (DUAL CONTROL)

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-14. TAIL ROTOR CONTROL SYSTEM (DUAL CONTROL)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4168001-9	Tail Rotor System Installation	REF		X	X
—	4168001-7	Tail Rotor System Installation (Superseded by 4168001-9)	REF		X	X
—	4168001-5	Tail Rotor System Installation (Single Control)	REF		X	X
—†	4168001-1	Tail Rotor System Installation	REF		X	X
1	4150008-1	. Cable Assembly	2	X	X	X
2	4150008-5	. Cable Assembly	2	X	X	X
3	4166050-207	. Control Rod Assembly	1	X	X	X
—	4166036-47	. . Tube	1	X	X	X
4	HMVV4M	. . Bearing, Rod End	1	X	X	X
5	AN316-4R	. . Nut	1	X	X	X
6	AN316-4L	. . Nut	1	X	X	X
7	HMLVV4M	. . Bearing, Rod End	1	X	X	X
8	4166037-1	. Push/Pull Rod Assembly	4	X	X	X
—	4166038-11	. . Link	1	X	X	X
9	HMVV4M	. . Bearing, Rod End	1	X	X	X
10	AN316-4R	. . Nut	1	X	X	X
11	AN316-4L	. . Nut	1	X	X	X
12	HMLVV4M	. . Bearing, Rod End	1	X	X	X
13	4132008-5	. Bellcrank Assembly	2	X	X	X
14	NAS6204-9D	. Bolt	4	X	X	X
15	NAS1149D0463H	. Washer	A/R	X	X	X
15	AN960D416	. Washer (Alternate)	A/R	X	X	X
15	NAS1149D0416H	. Washer	A/R	X	X	X
15	AN960D416L	. Washer (Alternate)	A/R	X	X	X
16	NAS1149D0463H	. Washer	16	X	X	X
16	AN960D416	. Washer (Alternate)	16	X	X	X
17	MS17826-4	. Nut	12	X	X	X
18	MS24665-1013	. Cotter Pin	26	X	X	X
18	AN381-2-7	. Cotter Pin (Superseded by MS24665-1013)	26	X	X	X
19	NAS6204-26D	. Bolt	2	X	X	X
20	NAS6204-16D	. Bolt	2	X	X	X
21	4132014-19	. Bushing	2	X	X	X
22	4132014-15	. Spacer	4	X	X	X
23	4132014-23	. Control Link	4	X	X	X
24	NAS73-4E002	. Spacer	2	X	X	X
25	NAS6603D14	. Bolt	2	X	X	X
25	AN3-12	. Bolt (Superseded by NAS6603D14)	2	X	X	X
26	NAS1149F0332P	. Washer	8	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-14. TAIL ROTOR CONTROL SYSTEM (DUAL CONTROL)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
26	AN960-10L	. Washer (Alternate)	8	X	X	X
27	NAS73-4E004	. Bushing	4	X	X	X
28	MS17825-3	. Nut	16	X	X	X
28	F12NE-4753-02	. Nut (Superseded by MS17825-3)	16	X	X	X
29	NAS428K4A10	. Bolt	2	X	X	X
29	NAS428K4-10	. Bolt (Replaced by NAS428K4A10)	2	X	X	X
30	AN315-4R	. Nut	2	X	X	X
31	NAS1068-4	. Nut Plate	2	X	X	X
31	MS21075L4	. Nut Plate (Alternate)	2	X	X	X
32	MS20426AD3-5	. Rivet	4	X	X	X
33	MS21251-B3S	. Barrel	2	X	X	X
33	MS21251-B3L	. Barrel (Alternate)	2	X	X	X
34	MS21255-3RS	. Eye	2	X	X	X
35	MS21255-3LS	. Eye	2	X	X	X
36	MS21256-1	. Clip	4	X	X	X
36	MS21256-2	. Clip (Alternate, Use With MS21251-B3L)	4	X	X	X
37	AN100C4	. Thimble	4	X	X	X
38	MS51844-83	. Sleeve, Crimp, 3/32" Wire Rope	4	X	X	X
38 ≡	428-3-VG	. Nicopress Sleeve (Replaced by MS51844-83)	4	X	X	X
39*	MS24566-2B	. Pulley	10	X	X	X
40	NAS6603D6	. Bolt	12	X	X	X
40	AN3-6	. Bolt (Superseded by NAS6603D6)	12	X	X	X
41	NAS1149F0332P	. Washer	24	X	X	X
41	AN960-10L	. Washer (Alternate)	24	X	X	X
41A	NAS1149F0363P	. Washer	A/R	X	X	X
41A	AN960-10	. Washer (Alternate)	A/R	X	X	X
42A	4168002-13	. Spacer	6	X	X	X
42	4168002-11	. Spacer	4	X	X	X
42	4168000-11	. Spacer (Superseded by 4168002-11)	4	X	X	X
43	MS24665-300	. Cotter Pin	10	X	X	X
43	AN381-3-12	. Cotter Pin (Superseded by MS24665-300)	10	X	X	X
44	28-16352-1	. Link	4	X	X	X
45	NAS6603D4	. Bolt	2	X	X	X
45	AN3-5	. Bolt (Superseded by NAS6603D4)	2	X	X	X
46	NAS1149F0363P	. Washer	8	X	X	X
46	AN960-10	. Washer (Alternate)	8	X	X	X
47	4150006-3	. Pedal Leg Assembly	1	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-14. TAIL ROTOR CONTROL SYSTEM (DUAL CONTROL)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	28-16332-1	. . Bushing	2	X	X	X
48	4150006-6	. Pedal Leg Assembly	1	X	X	X
—	28-16332-1	. . Bushing	2	X	X	X
49	4150004-1	. Foot Support	2	X	X	X
50	4150004-2	. Foot Support	2	X	X	X
51♦	4150017-11	. Pin	4	X	X	X
52♦	4150003-15	. Shaft	2	X	X	X
53♦	28-16341-1	. Spacer	4	X	X	X
54♦	MS24665-323	. Cotter Pin	4	X	X	X
55	4150013-3	. Stub Assembly	1	X	X	X
—	28-16332-1	. . Bushing	2	X	X	X
56	4150011-3	. Pedal Leg Assembly	1	X	X	X
57	4150013-4	. Stub Assembly	1	X	X	X
—	28-16332-1	. . Bushing	2	X	X	X
58	4150011-4	. Pedal Leg Assembly	1	X	X	X
59●	MS17987C409	. Pin	2	X	X	X
60●	L47N-600-3	. Lanyard	2	X	X	X
60●	90312A11	. Lanyard (Replaced by L47N-600-3)	2	X	X	X
61♦	4118798-5	. Mounting Bracket	2	X	X	X
62♦	MS21044N08	. Nut	10	X	X	X
62	AN365-832A	. Nut (Superseded by MS21044N08)	10	X	X	X
62	AN365-832	. Nut (Superseded by AN365-832A)	10	X	X	X
63♦	AN526-832R7	. Screw	10	X	X	X
63	AN526-832R8	. Screw (Superseded by AN526-832R7)	10	X	X	X
63	AN526-8R8	. Screw (Superseded by AN526-832R8)	10	X	X	X
64	NAS1149FN816P	. Washer	10	X	X	X
64♦	AN960-8L	. Washer (Alternate)	10	X	X	X
65♦	4118798-7	. Mounting Bracket	2	X	X	X
66♦	MS20470AD5-4	. Rivet	8	X	X	X
67♦	MS24665-389	. Cotter Pin	4	X	X	X
67	MS24665-357	. Cotter Pin (Superseded by MS24665-389)	4	X	X	X
—	4119804-21	. T/R Pedal Scuff Plate, Pilot, Left	1	X	X	X
—	4119804-22	. T/R Pedal Scuff Plate, Co-Pilot, Right	1	X	X	X
—	4119804-23	. T/R Pedal Scuff Plate, Co-Pilot, Left	1	X	X	X
—	4119804-24	. T/R Pedal Scuff Plate, Pilot, Right	1	X	X	X
—**	4119855-11	. Pedal Cover	1	X	X	X
68†	4150018-101	. Pedal Leg Assembly	1		X	X
—	28-16332-3	. . Bushing	2	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 9-14. TAIL ROTOR CONTROL SYSTEM (DUAL CONTROL)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	28-16332-1	. . Bushing (Replaced by 28-16332-3)	2	X	X	X
68	4150018-1	. Pedal Leg Assembly (Superseded by 4150018-101)	1		X	X
69	4150018-8	. Pedal Leg Assembly	1		X	X
—	28-16332-3	. . Bushing	2	X	X	X
—	28-16332-1	. . Bushing (Replaced by 28-16332-3)	2	X	X	X
70♦	4150004-3	. ADJ Foot Support	2		X	X
71♦	4150004-4	. ADJ Foot Support	2		X	X
72	4150018-7	. Pedal Leg Assembly	2		X	X
73∞	CR3213-4-02	. Rivet	2		X	X
73●	CR3213-4-03	. Rivet (Replaced by CR3213-4-02)	2		X	X
74●	4150018-9	. Pivot Weld Assembly	1		X	X
75●	4150018-6	. Pivot Weld Assembly	1		X	X
76▼	4168001-11	. Shim	A/R		X	X

* Early production TH-28 and 480 aircraft have a pulley located approximately midpoint on the outboard side of the keel beams. These aircraft have a total of twelve (12) pulleys.

** Install the cover when the co-pilot pedals are removed.

≡ See Appendix A for equivalent part information.

† Used with 4168001-9 Tail Rotor System Installation.

‡ Effectivity 480B S/N 5185 and prior.

● Not installed with 4168001-5 installation.

♦ Quantities halved for 4168001-5 installation.

∞ Add 2 rivets for 4168001-1 installation.

▼ Co-pilot side only if washers, Item 64, interfere with keel flange radius.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 10-4. 480B INSTRUMENT PANEL EQUIPMENT INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
14	4196562-11	. Bracket, Compass	1			X
15	AN530-6R6	. Screw	4			X
16	14399-003	. Light Assembly (Low Rotor)	1			X
—	313	. . Light Bulb	2			X
16●	LR3-40-17-HE-81043	. Indicator LED (Rotor RPM)	1			X
—●	18-200	. . Connector Plug	1			X
—●	M39029/22-192	Contact Socket	1			X
—●	18-215	Sealing Plug	1			X
17	14399-002	. Light Assembly (Engine Out)	1			X
—	313	. . Light Bulb	2			X
17●	LR3-40-17-HE-81042	. Indicator LED (Rotor RPM)	1			X
—●	18-200	. . Connector Plug	1			X
—●	M39029/22-192	Contact Socket	1			X
—●	18-215	Sealing Plug	1			X
18	14399-001	. Light Assembly (Fire)	1			X
—	313	. . Light Bulb	2			X
18●	LR3-40-17-HE-81041	. Indicator LED (Fire)	1			X
—●	18-200	. . Connector Plug	1			X
—●	M39029/22-192	Contact Socket	1			X
—●	18-215	Sealing Plug	1			X
19	95-41-11-H6-55785	. Master Caution Annunciator/Switch	1			X
—	6839	. . Light Bulb	4			X
—	18-200	. Connector (Electrical Harness)	1			X
—	M39029/22-192	. Socket (Electrical Harness)	7			X
—	18-215	. Hole Filler (Electrical Harness)	7			X
19●	LED-41-11-HE-39062	. Indicator Switch LED (Master Caution)	1			X
20	ECD4059-5	. Annunciator Panel	1			X
—	327	. . Light Bulb	30			X
—	90-42130-009	. . Segment, "ENG CHIP"	1			X
—	90-42130-010	. . Segment, "MAIN XMSN CHIP"	1			X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 10-4. 480B INSTRUMENT PANEL EQUIPMENT INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
–	90-42130-011	. . Segment, "TAIL CHIP"	1			X
–	90-42130-012	. . Segment, "ENG OIL TEMP"	1			X
–	90-42130-013	. . Segment, "MAIN XMSN HOT"	1			X
–	90-42130-015	. . Segment, "ENG OIL PRESS"	1			X
–	90-42130-016	. . Segment, "DRIVE BRG HOT"	1			X
–	90-42130-017	. . Segment, "DC GEN"	1			X
–	90-42130-018	. . Segment, "ENG AIR INLET"	1			X
–	90-42130-019	. . Segment, "SPARE" (Used when Lead Acid Battery Installed)	2			X
–	90-42130-021	. . Segment, "FUEL FILTER"	1			X
–	90-42130-022	. . Segment, "FUEL LOW"	1			X
–	90-42130-023	. . Segment, "BATTERY HOT"	1			X
–	90-42130-024	. . Segment, "BATTERY TEMP"	1			X
–	90-42130-026	. . Segment, "ENG ANTI-ICE"	1			X
–	90-42130-028	. . Segment, "MRGB PRESS"	1			X
–	AN515B6R7	. Screw	4			X
–	SD15M10JVL0	. Connector (Electrical Harness)	1			X
–	SD15F10JVL0	. Connector (Electrical Harness)	1			X
20†	ECD4078-1	. Annunciator Panel	1			X
20††	ECD4078-X	. Master Caution Annunciator Panel (Alternate)	1			X
21	MS24525-31	. Switch (Caution Panel Test/Dim)	1			X
22	7401SYZQE	. Switch (N ₁ -N ₂ -N _R -TOT Battery Bus) Larger component – on left	1			X
22A	7101SYZQE	. Switch (N ₁ -N ₂ -N _R -TOT Battery Bus) Smaller component – on right	1			X
23	4196600-11	. Ganging Bar	1			X
24≡	MS24693-S24	. Screw	1			X
25	L58D-Y24-W	. LED Light (Battery)	1			X
25	L58D-G24-W	. LED Light (Landing Light)	1			X
26*	01-0770119-15	. Post Light	1			X
27♦	ECD4093-1	. Signal Converter	1			X
–	MS35206-227	. . Screw	4			X
–	NAS1149FN616P	. . Washer	4			X
–	MS21083N06	. . Nut	4			X
28	PACMO-APZ21N	. Compass Bracket	1			X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 10-4. 480B INSTRUMENT PANEL EQUIPMENT INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
29	C23-805	. Deviation Card Holder	1			X
30	C23-806	. Deviation Card Protector	1			X
31	C23-807	. Compass Deviation Card	1			X
32	1-172165-9	. Pin Housing	1			X
33	170363-1	. Pin	2			X
34	CCS38-S8-C0	. Cable Clamp	1			X
35	90D030N-2	. Washer	1			X
36	MS35214-41	. Screw	1			X
37	NAS1149BN832H	. Brass Washer	2			X
38	MS35338-99	. Lock Washer	2			X
39	MS35649-286	. Brass Nut	2			X
40	MS35214-40	. Screw	1			X
41	AN931-3-5	. Grommet	1			X
42	MS35490-1	. Grommet	1			X

* Used only with installed inclinometer.

** Effectivity: S/N 5134 and subsequent.

† Effectivity S/N 5136 and subsequent. This assembly has no field replaceable parts. Installed on 480B S/N 5147, 5155, 5156, 5158 through 5163, 5173 through 5182, 5193 through 5197, 5203, and 5206.

● Effectivity S/N 5100 and subsequent.

≡ See Appendix A for equivalent part information.

‡ Supplier can be either Ahlers or Ultra (was Horizon Aerospace).

◆ Effectivity 480B S/N 5198 and subsequent. Retrofittable to 480 S/N 5013 – 5041, 480B S/N 5042 and subsequent.

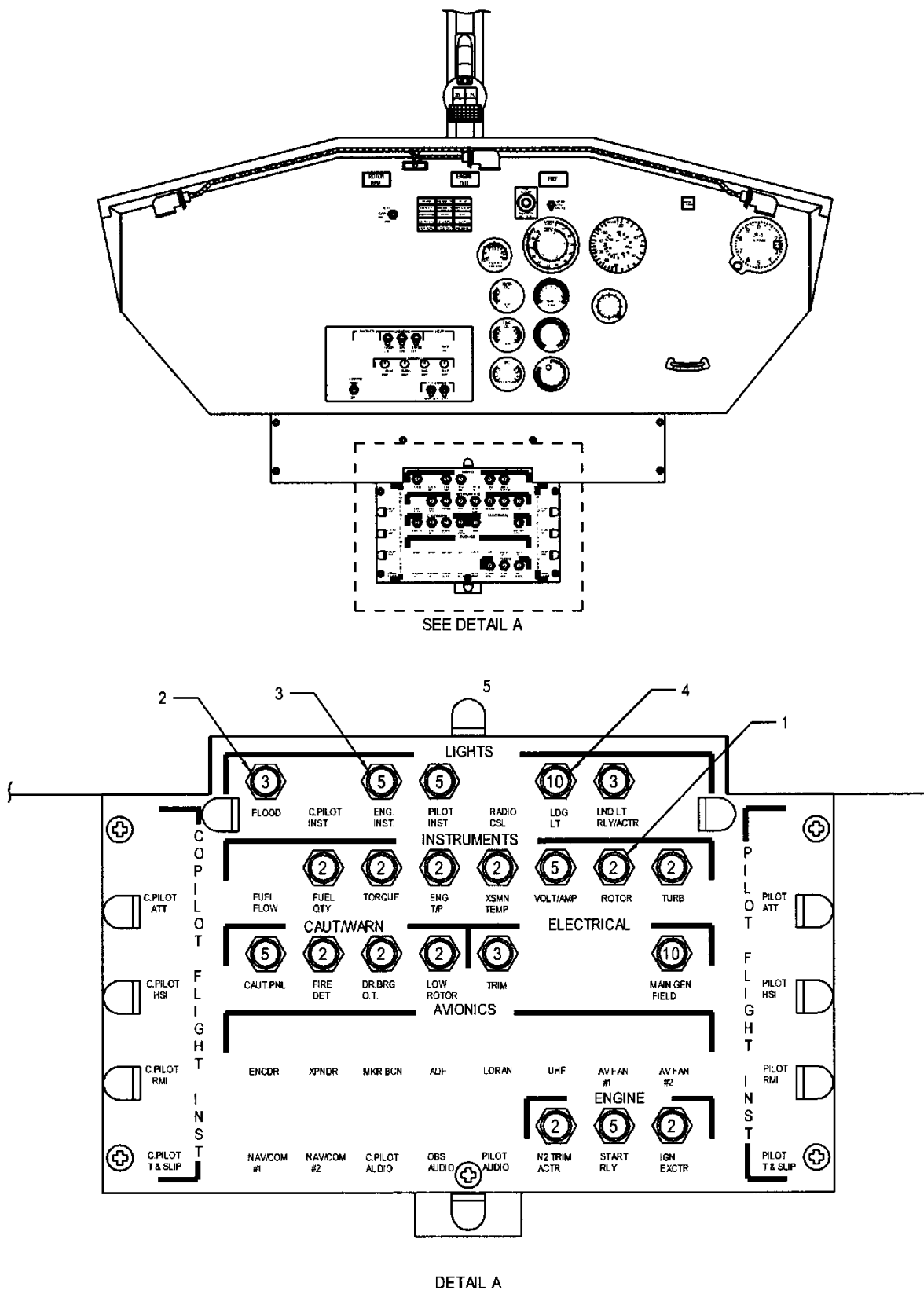
†† Effectivity 480B S/N 5198 and subsequent. This assembly has no field replaceable parts and is ship specific. See ECD4078 Rev B or later for layout of Annunciator Panel. Does not include 480B S/N 5147, 5155, 5156, 5158 through 5163, 5173 through 5182, 5193 through 5197, 5203, and 5206.

‡‡ Effectivity 480B S/N 5216 and subsequent. Retrofittable to 480 S/N 5001 – 5041, 480B S/N 5042 and subsequent.

△ Effectivity: S/N 5240 and subsequent (if equipped).

▣ S/N 5157 and 5190 only.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG



Standard Equipment

FIGURE 10-5. TH-28 CIRCUIT BREAKER PANEL

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 10-13. STANDARD BATTERY TRAY INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
—	4196578-5	Battery Tray Assembly	REF		X	X
—	4196578-3	Battery Tray Assembly (Superseded by 4196578-5)	REF	X	X	X
1	4196578-15	. Tray	1	X	X	X
2	4196579-21	. Clip	1	X	X	X
3	NAS1097AD4-4	. Rivet	12	X	X	X
3	MS20426AD4-4	. Rivet (Replaced by NAS1097AD4-4)	12	X	X	X
4	MS3115-10A	. Receptacle	1	X	X	X
5	22-NA27-68-02	. Nut Plate	2	X	X	X
5	22NA27-22-02	. Nut Plate (Alternate)	2	X	X	X
5	NAS1033A3	. Nut Plate (Alternate)	2	X	X	X
6	4196579-23	. Rubber Pad (Used with 4196578-3)	1	X	X	X
7	4196579-25	. Rubber Pad	4	X	X	X
8	4196579-31	. Rubber Pad	4	X	X	X
9	4196579-29	. Rubber Pad (Used with 4196578-3)	1	X	X	X
10	4196579-27	. Rubber Pad (Used with 4196578-3)	1	X	X	X
11	F22NA1-02	. Nut Plate (Used with 4196578-3)	5	X	X	X
12	MS21080-3	. Nut Plate (Used with 4196578-3)	1	X	X	X
—	4196578-21	. Bracket	1	X	X	X
—	4196578-17	. Spacer	1	X	X	X
—	4196578-19	. Spacer	1	X	X	X
13	4196597-1	. Receptacle	1	X	X	X
14	MS24694-S58	. Screw	4	X	X	X
14	MS24694-S54	. Screw (Superseded by MS24694-S58)	4	X	X	X
15	NAS1149D0363J	. Washer	4	X	X	X
15	AN960-10	. Washer (Replaced by NAS1149D0363J)	4	X	X	X
16	MS21083N3	. Nut	4	X	X	X
16	AN364-1032A	. Nut (Superseded by MS21083N3)	4	X	X	X
17**	4196579-9	. Strap Assembly	1		X	X
17	4196579-1	. Strap Assembly (Superseded by 4196579-9)	1	X	X	X
—	4196579-19	. . Pad	1	X	X	X
—	4196579-37	. . Spacer	1	X	X	X
18	MS24694-S49	. Screw	1	X	X	X
18	AN3-4A	. Bolt (Replaced by MS24694-S49)	1	X	X	X
19	NAS1149F0332P	. Washer	2	X	X	X
19	AN960-10L	. Washer (Alternate)	2	X	X	X
20	MS21083N3	. Nut	1	X	X	X
20	AN364-1032A	. Nut (Superseded by MS21083N3)	1	X	X	X
21	NAS6603-1	. Bolt	4	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 10-13. STANDARD BATTERY TRAY INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
21	AN3-3A	. Bolt (Superseded by NAS6603-1)	4	X	X	X
22	NAS1149F0363P	. Washer	8	X	X	X
22	AN960-10	. Washer (Alternate)	8	X	X	X
23	MS21083N3	. Nut	4	X	X	X
23	AN364-1032A	. Nut (Superseded by MS21083N3)	4	X	X	X
24**	4196551-3	. Clamp Assembly	1	X	X	X
24	4196551-1	. Clamp Assembly (Superseded by 4196551-3)	1	X	X	X
25	NAS6603-12	. Bolt	2	X	X	X
25	AN3-10A	. Bolt (Replaced by NAS6603-12)	2	X	X	X
26	NAS1149F0363P	. Washer	4	X	X	X
26	AN960-10L	. Washer (Alternate)	4	X	X	X
27	MS21044N3	. Nut	2	X	X	X
27	AN364-1032A	. Nut (Replaced by MS21044N3)	2	X	X	X
28*	3621	. Elbow	2	X	X	X
28*	9080494	. Elbow (Replaced by 3621)	2	X	X	X
29	520-004	. Vent Hose, 1/2" ID PVC	A/R	X	X	X
30	MS35489-18	. Grommet	2	X	X	X
30	AN931-10-20	. Grommet (Superseded by MS35489-18)	2	X	X	X
31	MS25182-2	. Connector	1	X	X	X
32	BPF 15/16	. Plug	2	X	X	X
33	MS3126F10-6S	. Connector (NICAD Battery Temperature)	1	X	X	X
34	MS20426AD3-3	. Rivet	4	X	X	X

* Effectivity S/N 5147 and subsequent.

** 4196579-1 and 4196551-1 are a set; 4196579-9 and 4196551-3 are a set. They are not interchangeable.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 10-16. ELECTRICAL COMPONENT INSTALLATION (RIGHT SIDE BACKWALL)

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
1	ECD075-13	. Relay	2	X	X	X
1†	ECD075-15	. Relay	2			X
1°	6-1616945-7	. Relay	2		X	X
2	MS27039-1-11	. Screw	4	X	X	
3	AN960C10	. Washer	4	X	X	X
4	4164	. Fuse Block	1	X	X	X
5≡	MS24694-S55	. Screw	2	X	X	X
6≡	ANL-100	. Limiter	1	X	X	X
7	4199052-11	. Bus	1	X	X	X
8	22-370-150	. Shunt	1	X	X	X
9	MS27039-1-11	. Screw	2	X	X	X
10	AN960C10	. Washer	2	X	X	X
11	4196555-5	. Bracket Assembly	1	X	X	X
11*	4196555-7	. Bracket Assembly	1			X
11°	4196555-9	. Bracket Assembly	1			X
11▲	4196555-101	. A.P.U. Plug Receptacle	1			X
12	AN960-10L	. Washer	2	X	X	X
13	MS27039-1-09	. Screw	2	X	X	X
14	AN2552-3A	. Receptacle	1	X	X	X
15≡	MS24694-S56	. Screw	2	X	X	X
16	AN960-10	. Washer	2	X	X	X
17	AN365-1032A	. Nut	2	X	X	X
18** ♦♦	MS26574-2	. Circuit Breaker, 2 Amp	2	X	X	
18† ♦♦	MS26574-2	. Circuit Breaker, 2 Amp	3		X	X
18* ♦♦	MS26574-1	. Circuit Breaker, 1 Amp	4			X
19♦♦	MS26574-5	. Circuit Breaker, 5 Amp	2	X	X	X
19* ♦♦♦	MS26574-1	. Circuit Breaker, 1 Amp	3			X
20●	4199059-3	. Trim Switch Unit (Mechanical Relay)	2	X	X	X
—	M12883/41-14	. . Socket	2	X	X	X
—	J-D4N-300M	. . Relay	2	X	X	X
—	M83536/10-024M	. . Relay (Superseded by J-D4N-300M)	2	X	X	X
20●●	4199059-1	. Trim Switch Unit (Solid State) (Obsolete)	2	X	X	X
20●●	4192102-4	. Trim Switch Unit (Solid State) (Obsolete)	2	X	X	X
20●●	4192102-903	. Trim Switch Unit (Solid State) (Obsolete)	2	X	X	X
21	MS27039-1-09	. Screw	4	X	X	X
22	AN960PD10	. Washer	8	X	X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

- * 480B S/N: 5046, 5048 and subsequent.
- ** TH-28 and 480 with Standard Panel
- † 480 with Optional Panel, 480B with Standard or Optional Panel (S/N 5042 thru 5045 and 5047)
- ‡ 480B S/N 5078, 5085 thru 5131.
- 480B S/N 5087 and subsequent.
- The solid state trim switch units are no longer available. Order Trim Relay Kit, P/N 4230028-5, to install the mechanical relay trim switch units.
 - Relay kit 4230040, retrofittable for 480/480B S/N 5001 thru 5131.
 - Effectivity 5136 and subsequent.
- ◆ Quantity 2 for 5135 and prior.
- ◆◆ Quantity and location of circuit breakers are per customer requirements.
- ≡ See Appendix A for equivalent part information.
- ▲ Effectivity 480B S/N 5258 and subsequent. Retrofittable 480B S/N 5042 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-1. BLEED AIR HEATER AND DEFROSTER INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
1	S-9213EC-2	. Hose Assembly	1		X	X
2	4129554-1	. Line Assembly	1		X	X
3	S-9230EC-1	. Drain Valve	1		X	X
4†	ES49026-8	. Fitting	1		X	X
4	8-8MTX-SS	. Tee (Superseded by ES49026-8) (Non – Preferred Alternate)	1		X	X
5	MS51521B8S	. Swivel Nut Elbow	1		X	X
6†	4129553-1	. Line Assembly	1		X	X
7	AN824-8J	. Tee	1		X	X
8†	4129556-1	. Line Assembly	1		X	X
9	4129555-1	. Line Assembly	1		X	X
10	AN824-8D	. Tee	1		X	X
11	E9002-1	. Defroster Assembly (L/H)	1		X	X
12	E9002-2	. Defroster Assembly (R/H)	1		X	X
13†	4129552-1	. Line Assembly	1		X	X
14	4129559-1	. Heater Manifold Assembly (See Figure 11-3 for breakdown)	1		X	X
15	MS21919WF12	. Clamp	5		X	X
16	MS21919WF16	. Clamp	2		X	X
17	MS35206-245	. Screw	9		X	X
17	AN515-8R8	. Screw (Superseded by MS35206-245)	9		X	X
18	NAS1149FN816P	. Washer	18		X	X
18	AN960-8L	. Washer (Alternate)	18		X	X
19	MS21083N08	. Nut	9		X	X
19	AN364-832A	. Nut (Superseded by MS21083N08)	9		X	X
20	4129551-11	. Support	3		X	X
21	4129550-11	. Support	1		X	X
22	MS21919WF8	. Clamp	4		X	X
23	AN525-832R7	. Screw	10		X	X
24	S8P-150	. PlusNut	14		X	X
25*	MS35333-40	. Lock Washer	10		X	X
25*	AN936A416	. Lock Washer (Alternate)	10		X	X
26	4129558-11	. Fire Sleeve	2		X	X
27	1053	. Stop Nut	2		X	X
28	MS21919WF4	. Clamp	2		X	X
29	AN3-8A	. Bolt	1		X	X
30	NAS1149F0332P	. Washer	2		X	X
30	AN960-10L	. Washer (Alternate)	2		X	X
31†	MS21042-3	. Nut	1		X	X

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

FIGURE 11-1. BLEED AIR HEATER AND DEFROSTER INSTALLATION

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
31	AN364-1032A	. Nut (Superseded by MS21042-3)	1		X	X
32	AN3-3A	. Bolt	1		X	X
33	4129560-1	. Heat Cable Assembly	1		X	X
34	4129501-901	. Heater Valve Assembly (See Figure 11-2 for breakdown)	1		X	X
35	4129560-3	. Defog Cable Assembly	1		X	X
36	4129501-902	. Defroster Valve Assembly (See Figure 11-2 for breakdown)	1		X	X
37	MS35206-244	. Screw	6		X	X
37	AN515-8R7	. Screw (Superseded by MS35206-244)	6		X	X
38	NAS1149FN832P	. Washer	6		X	X
38	AN960-8	. Washer (Alternate)	6		X	X
39	MS21083N08	. Nut	6		X	X
39	AN364-832A	. Nut (Superseded by MS21083N08)	6		X	X
40	4119894-15	. Plate (Engraved) - Heat	1		X	X
41	4119894-19	. Plate (Engraved) - Defr	1		X	X
42	MS35206-243	. Screw	6		X	X
42	AN515-8R6	. Screw (Superseded by MS35206-243)	6		X	X
43	4129562-3	. Eyeball, Heater Outlet	2		X	X
44	4129561-11	. Cover, Heater Outlet	2		X	X
45	4129563-11	. Spacer	8		X	X
46	MS24694-S13	. Screw	4		X	X
46	AN509-8R16	. Screw (Superseded by MS24694-S13)	4		X	X
47	AN525-832R16	. Screw	4		X	X
48**	4196518-19	. Bracket	1		X	X

* Lock washer installed between PlusNut and cabin structure.

** Used on helicopters with G1000H installation or if standard cooling fan is not installed.

† Use -3 line assemblies if ship is installed with G1000H.

‡ Effectivity 480B S/N 5157 and subsequent. Retrofittable to 480 S/N 5001 – 5041 and 480B S/N 5042 and subsequent.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

APPENDIX B – HARDWARE SUBSTITUTIONS

Table of Contents	B-1
1 Introduction	B-2
2 Acceptable Substitution Conditions	B-2
3 Hardware Tables	B-2
Table A – Bolts	B-3
Table B – Screws	B-5
Table C – Nuts	B-6
Table D – Nut Plates	B-7
Table E – Solid Rivets	B-8
Table F – Blind Rivets	B-9
Table G – Washers	B-9
Table H – Rivnuts	B-10
Table I – Turnbuckles	B-11
Table J – Grommets	B-11
Table K – Cotter Pins	B-11
Table L – Clamps (Nylon)	B-12
Table M – Cable Ties	B-12
Table N – U-Channels (Rubber)	B-13
Table O – Shrink Tubing	B-13
Table P – Ring Tongue Terminals	B-14
Table Q – Retaining Rings	B-15
Table R – Cushioned Clamps	B-15
Table S – PlusNuts	B-15
Table T – Solder Sleeve Shield Terminators	B-15
Table U – Pipe Plugs (Countersink Hex Head)	B-15
Table V – Clip Nut	B-15
Table W – Plug and Bleeder – Screw Tread	B-15
Table X – Pin, Retaining, Safety	B-15
Table Y – Quarter Turn Fastener	B-15
Table Z – Quick Disconnect Terminal	B-15
Table AA – Plug (BNC, TNC, N)	B-15
Table AB – Roll Pin	B-15
Table AC – Sleeve, Coupling	B-15
Table AD – Clevis Pin	B-15
Table AE – Quarter (1/4) Turn Fastener Receptacle	B-16
Table AF – Sleeve, Flared Tube Fitting	B-16
Table AG – 3.5 mm Phone Jack	B-16
Table AH – Grease Fitting	B-16
Table AI – Washers, Extended AN960 Listing	B-17

ENSTROM TH-28/480 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 the 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, bolts, or quarter (1/4) turn fasteners 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 TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

Table Q – Retaining Ring		
RETAINING RING	ALTERNATE	
N5100-78-S-PP	ON78EXTSP (Meyer)	
N5002-268-PP	ON268INVSP	
Table R – Cushioned Clamps		
CLAMP	ALTERNATE	
MS21919() ²⁶	MS21919W()	
MS21919DG()	MS21919CJ()	
MS21919WDG()	MS21919WCJ()	
Table S – Plusnut		
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	
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	
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	
UG-89A/U	031-5	
	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()	

²⁶ MS21919F series clamps not permitted for use or substitution.

ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

**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 – 3.5mm 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 TH-28/480 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 TH-28/480 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 TH-28/480 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 TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

INTENTIONALLY LEFT BLANK