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ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG
2001 Edition

Temporary Revision 17 (TRT-002), dated Sep 25/2023, applies to the Enstrom TH-28/480 Series Illustrated Parts Catalog, 2001 Edition. Place this cover sheet behind the "Record of Temporary Revisions" sheet after inserting the pages listed below.

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ENSTROM TH-28/480 SERIES ILLUSTRATED PARTS CATALOG

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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)	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 Fitting, Grease (1/8" NPT Thread) (Superseded by 1650) (Obsolete)	2	X	X	X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	AN3-12A	.. Bolt (Used with 28-14381-1 & -3)	2	X	X	X
30	AN960-10	.. Washer (Used with 28-14381-1 & -3)	2	X	X	X
31	AN960-10L	.. Washer (Used with 28-14381-1 & -3)	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
35≡	NK-500-8R6	.. Screw	5	X	X	X
36	AN960D8	.. Washer	5	X	X	X

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FIGURE 8-3. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
37	28-14100-9	. Main Rotor Blade	3	X	X	X
38	28-14007-3	. Retention Pin	3	X	X	X
39	AN960C1216	. Washer	3	X	X	X
40	AN364-1216A	. Nut	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	AN960D616	. Washer	18	X	X	X
45	AN364-624A	. Nut	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	AN960D516	. Washer	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	AN365-624A	. Nut (Used with 28-14234-909)	3	X	X	
58	28-14141-913	. Leading Edge Tape/Adhesive Kit	A/R	X	X	X
58	28-14141-13-Kit	. Blade Tape Kit (Superseded by 28-14141-913)	A/R	X	X	X
59	28-14109-1	. Plug Balance Blade Rotor Main (Per Blade)	2	X	X	X
-	MS21083N3	. . Nut: Hex	2	X	X	X
-	AN960-10	. . Washer	A/R	X	X	X
-	28-14110-1	. . Washer Balance	A/R	X	X	X
-	28-14110-2	. . Washer Balance	A/R	X	X	X

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FIGURE 8-3. MAIN ROTOR BLADE AND RETENTION ASSEMBLY

ITEM NUMBER	PART NUMBER	DESCRIPTION	QTY PER ASSY	EFFECTIVITY		
				TH-28	480	480B
-	28-14110-3	.. Washer Balance	A/R	X	X	X
-	MS24693-S287	.. Screw, Machine	2	X	X	X
-	MS246935287FLTH	.. Screw (Superseded by MS24693-S287)	2	X	X	X
-	ACF-50	.. Lubricant: Anti Corrosive	A/R	X	X	X

* Use only one (1) washer per bolt.

≡ See Appendix A for equivalent part information.

† Effectivity 480B S/N 5168 and subsequent. Retrofittable to 480 S/N 5001 – 5041 and 480B S/N 5042 and subsequent.

** Effectivity 480B S/N 5207 and subsequent. Retrofittable to 480 S/N 5001 – 5041 and 480B S/N 5042 and subsequent. 28-14385-13 is an acceptable alternate to the -15 part.

▲ Supplied by Airwolf Aerospace, LLC. as part of STC SR03465CH.