

T.E.C.S Checklist



			Required TECS Checklist		
Item	PN	Nomenclature	Yes	No	Additional comments
TOOLING/EQUIPMENT					
1	HSP1723	Propeller Assembly and Test Bench with Oil Test Post			
2	HSP1682/TS38R946	Blade Lifting Sling			
3	HS7031	Puller, Barrel Half			
4	OH Hoist	OH Hoist System			
5	HS3759	Cam Holding Fixture			
6	HS9293	Dome Shell Puller (Manual)			
7	HS7597	Dome Lifting Handle			
8	HS9295	Micarta Plug			
9	HS7611	Spanner Wrench (Dome Cap Removal)			
10	HS7610	Spanner Wrench (Inserting LPS)			
11	HS7564	Spanner Wrench (Prop Nut)			
12	HS7642	Pin-Bolt Elongation Gage			
13	HS7967	Spanner Wrench (Dome Retaining Nut Removal)			
14	TS426F21	40-200 in-lb 1/4" Fixed Micrometer Torq. Wrench			
15	WK-23-1990	Blade Protractor			
16	TS2ZTZ6	Ratchet Thimble Outside Micrometer, 0 to 1" Range			
17	TS2ZTZ9	Friction Thimble Outside Micrometer, 1 to 2" Range			
18	TS3R002	25 Piece Feeler Gage Set			
19	TS2ZUD3	Depth Micrometer 1"-6" (x dim)			
20	TS6PAG3	1/4" Drive Micrometer Torq. Wrench, 10 to 50 in.-lb			
21	HS7548	Blade Protractor Template			
22	TS4KU76	Vernier Caliper, 0 to 12 In.			
23	T2003	X Dimension Measuring Tool			
24	TS53VC91	Ratchet Thimble O.D. Micrometer 6-7"			
25	HS7630	Blade Adjusting Supports			
26	TS462U38	Ratchet Thimble Outside Micrometer, 8-9" Range			
27	TS6PAJ2	3/4" Drive 120-600 ft.-lb Torque Wrench			
28	TS97036727	6-1/2 Lb Head 2-3/4" Face Nylon Split Head Hammer			
29	TS2ZUD3	Depth Micrometer 1"-6" (x dim)			
30	HS6762	2 - Blade Turning Bars (set)			
31	7A100	Propeller Balance Kit			
32	T1535/HSP1682	Propeller Lifting Handle			
33	GS18182(5A400)	Balancing Cart			
34	GS 1221	Hydraulic Propeller Tester			
35	HS8961	Oil Test Post Fixture			
36	HSP1584	Mechanical Puller (Oil Test)			
37	HS7580	Pitchlock Mechanical Puller (UTAS/OEM - New Manf.)			
38	HS9457	Spanner Wrench (PLR Retaining Nut)			

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CONSUMABLES					
39	TS49JT89	Aviation Cleaning Wipes/Rags			
40	TS2040210	Latex Gloves			
41	TS22184440413	Plastic Mixing cups			
42	TS39P039	500 Pk Tongue depressors			
43	TS63412530	Canvas Phenolic Laminate Rods			
44	Lead Weights	Round Lead Weights			
CHEMICALS					
45	MIL-PRF-83282	Castrol Brayco Micronic 882 Red MIL-PRF-83282D			
46	TS-AF-1	Ultrachem Assembly Fluid #1			
47	MIL-PRF-81352	Black Lacquer Aircraft Touch-Up (1 Quart)			
48	MIL-PRF-23827	Tan MIL-PRF-23827C Type I A/C Gear Bearing Grease			
49	AMS-S-8802 II	AMS-S-8802D Sealant Type II Kit Gray			
50	ASTM-D329	Acetone Intermediate Solvent			

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PARTS/SPARES					
51	525355-3	Packing, Prefromed (2 req. for dome piston)			
52	740313-3	Packing, Preformed (Thin internal bottom shell seal)			
53	511557/1009060	Packing, Preformed (External Seal/Stationary Cam Flange)			
54	M83248/1-249	Packing, Preformed (Lever sleeve seal)			
55	826462-1	SEAL, RUBBER SPCL SHAPED SECTION (alternate)			
56	525891	SEAL, RUBBER SPCL SHAPED SECTION (preferred)			
57	522151	. SHIM, BLADE, BARREL/0.012 THK/.....			
58	522151-13	. SHIM, BLADE, BARREL/0.013 THK/.....			
59	522151-14	. SHIM, BLADE, BARREL/0.014 THK/.....			
60	522151-15	. SHIM, BLADE, BARREL/0.015 THK/.....			
61	522151-16	. SHIM, BLADE, BARREL/0.016 THK/.....			
62	522151-17	. SHIM, BLADE, BARREL/0.017 THK/.....			
63	522151-18	. SHIM, BLADE, BARREL/0.018 THK/.....			
64	522151-19	. SHIM, BLADE, BARREL/0.019 THK/.....			
65	522151-20	. SHIM, BLADE, BARREL/0.020 THK/.....			
66	522151-21	. SHIM, BLADE, BARREL/0.021 THK/.....			
67	522151-22	. SHIM, BLADE, BARREL/0.022 THK/.....			
68	522151-23	. SHIM, BLADE, BARREL/0.023 THK/.....			
69	522151-24	. SHIM, BLADE, BARREL/0.024 THK/.....			
70	522151-25	. SHIM, BLADE, BARREL/0.025 THK/.....			
71	522151-26	. SHIM, BLADE, BARREL/0.026 THK/.....			
72	522151-27	. SHIM, BLADE, BARREL/0.027 THK/.....			
73	522151-28	. SHIM, BLADE, BARREL/0.028 THK/.....			
74	522151-29	. SHIM, BLADE, BARREL/0.029 THK/.....			
75	522151-30	. SHIM, BLADE, BARREL/0.030 THK/.....			
76	522151-31	. SHIM, BLADE, BARREL/0.031 THK/.....			
77	522151-32	. SHIM, BLADE, BARREL/0.032 THK/.....			
78	522151-33	. SHIM, BLADE, BARREL/0.033 THK/.....			
79	522151-34	. SHIM, BLADE, BARREL/0.034 THK/.....			
80	522151-35	. SHIM, BLADE, BARREL/0.035 THK/.....			
81	522151-36	. SHIM, BLADE, BARREL/0.036 THK/.....			
82	522151-37	. SHIM, BLADE, BARREL/0.037 THK/.....			
83	522151-38	. SHIM, BLADE, BARREL/0.038 THK/.....			
84	522151-39	. SHIM, BLADE, BARREL/0.039 THK/.....			
85	522151-40	. SHIM, BLADE, BARREL/0.040 THK/.....			
86	522151-41	. SHIM, BLADE, BARREL/0.041 THK/.....			
87	522151-42	. SHIM, BLADE, BARREL/0.042 THK/.....			
88	522151-43	. SHIM, BLADE, BARREL/0.043 THK/.....			
89	522151-44	. SHIM, BLADE, BARREL/0.044 THK/.....			
90	522151-45	. SHIM, BLADE, BARREL/0.045 THK/.....			
91	69494R253	Packing, Preformed (Prop Nut)			
92	69494R249	Packing, Preformed (Prop Nut)			

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93	515400-14	. SHIM, SEGMENT, GEAR/0.014 THK/.....			
94	515400-15	. SHIM, SEGMENT, GEAR/0.015 THK/.....			
95	515400-16	. SHIM, SEGMENT, GEAR/0.016 THK/.....			
96	515400-17	. SHIM, SEGMENT, GEAR/0.017 THK/.....			
97	515400-18	. SHIM, SEGMENT, GEAR/0.018 THK/.....			
98	515400-19	. SHIM, SEGMENT, GEAR/0.019 THK/.....			
99	515400-20	. SHIM, SEGMENT, GEAR/0.020 THK/.....			
100	515400-21	. SHIM, SEGMENT, GEAR/0.021 THK/.....			
101	515400-22	. SHIM, SEGMENT, GEAR/0.022 THK/.....			
102	515400-23	. SHIM, SEGMENT, GEAR/0.023 THK/.....			
103	515400-24	. SHIM, SEGMENT, GEAR/0.024 THK/.....			
104	515400-25	. SHIM, SEGMENT, GEAR/0.025 THK/.....			
105	515400-26	. SHIM, SEGMENT, GEAR/0.026 THK/.....			
106	515400-27	. SHIM, SEGMENT, GEAR/0.027 THK/.....			
107	515400-28	. SHIM, SEGMENT, GEAR/0.028 THK/.....			
108	515400-29	. SHIM, SEGMENT, GEAR/0.029 THK/.....			
109	515400-30	. SHIM, SEGMENT, GEAR/0.030 THK/.....			
110	515400-31	. SHIM, SEGMENT, GEAR/0.031 THK/.....			
111	515400-32	. SHIM, SEGMENT, GEAR/0.032 THK/.....			
112	515400-33	. SHIM, SEGMENT, GEAR/0.033 THK/.....			
113	515400-34	. SHIM, SEGMENT, GEAR/0.034 THK/.....			
114	515400-35	. SHIM, SEGMENT, GEAR/0.035 THK/.....			
115	515400-36	. SHIM, SEGMENT, GEAR/0.036 THK/.....			
116	515400-37	. SHIM, SEGMENT, GEAR/0.037 THK/.....			
117	515400-38	. SHIM, SEGMENT, GEAR/0.038 THK/.....			
118	515400-39	. SHIM, SEGMENT, GEAR/0.039 THK/.....			
119	515400-40	. SHIM, SEGMENT, GEAR/0.040 THK/.....			
120	515400-41	. SHIM, SEGMENT, GEAR/0.041 THK/.....			
121	515400-42	. SHIM, SEGMENT, GEAR/0.042 THK/.....			
122	515400-43	. SHIM, SEGMENT, GEAR/0.043 THK/.....			
123	515400-44	. SHIM, SEGMENT, GEAR/0.044 THK/.....			
124	515400-45	. SHIM, SEGMENT, GEAR/0.045 THK/.....			
125	537871	Preformed, Packing			
126	507311-5	Shim, Gear Preload/0.005 THK			
127	507311-15	Shim, Gear Preload/0.015 THK			
128	557624	Plug			
129	522862	Washer, Balancing			
130	522862	Washer, Balancing			
131	MS15795-819	Washer			
132	51376	Washer			
133	AN935-816	Washer			
134	AN315-8R	Nut			
135	M83485/1-249	Packing, Preformed (Dome Cap)			
136	69494R234	Packing, Preformed (PLR single)			

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Item	PN	Nomenclature	Yes	No	Additional comments
137	69494R232	Packing Preformed (PLR Qty 2)			
138	6877242-008	Packing, Preformed (Prop Shaft)			
139	525393	Ring, Packing Seat (Prop Shaft)			
140	69494R114	Packing Preformed (PLR small I.D. top)			