

M-1-180 REQUIRED EQUIPMENT LIST

REF. NO. _____ REG. NO. _____ PROD. NO. _____

PROPELLER AND ACCESSORIES				WEIGHT (LBS)	ARM (IN)
1.	PROPELLER				
	A. McCauley	2A34C22-N	S84SF-6	46.0	-60.5
2.	SPINNER				
	A. McCauley	2A34C22-N	D4180	1.6	-64.0
3.	SPINNER BULKHEAD ASSEMBLY				
	A. McCauley	2A34C22-N	C4161	1.2	-56.5
4.	GOVERNOR				
	A. Woodward	210453		3.5	-51.8
	B. Woodward	210660		2.6	-51.8
ENGINE AND ACCESSORIES					
5.	ENGINE				
	A. Franklin 180		6A-335-B1A	300.0	-39.75
6.	OIL COOLER				
	A. Maule		5022F	4.5	-32.5
	B. Franklin		P6761	4.5	-32.5
7.	CARBURATOR				
	A. Marvel		MA-5	4.8	-24.0
8.	MAGNETOS				
	A. Scintilla (2)	(Bendix)	S6RM-21	12.0	-23.0
9.	IGNITION WIRING				
	A. Soldered Franklin		20598	5.0	-24.0
10.	SPARE PLUGS				
	A. Champion		R1B32N	3.25	-39.5
	B. Champion		R1B32E	3.25	-39.5
	C. A. C.		281	3.25	-39.5
	D. A. C.		273	3.25	-39.5
	E. A. C.		283	3.25	-39.5

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ENGINE AND ACCESSORIES (CONT'D)		WEIGHT (LBS)	ARM (IN)
11. STARTER			
A. Prestolite	MC1-6502	18.8	-24.3
12. ALTERNATOR			
A. Prestolite	ALH-5106	11.5	-26.5
13. VOLTAGE REGULATOR			
A. Prestolite	VFS-7201	0.7	-18.5
B. Prestolite	VFS-7203	0.7	-18.5
14. FUEL PUMP ENGINE DRIVEN	CRVAIC 3C4886		
A. Franklin	20574	11.0	-24.7
ELECTRICAL			
15. BATTERY			
A. Rebat	S-24	22.0	95.0
B. Rebat	S-25	22.0	95.0
C. Exide AC-78M		20.10	95.0
16. STARTER SOLENOID			
A. Delco Remy	DR1114213	0.7	-18.0
B. Delco Remy	DR1118823	0.7	-18.0
C. Delco Remy	SAW 4201	0.7	-18.0
D. Delco Remy	SAW 4203	0.7	-18.0
E. Delco Remy	SAW 4204	0.7	-18.0
17. BATTERY SOLENOID			
A. Delco Remy	71-111221	0.9	91.0
B. Delco Remy	1114213	0.9	91.0
C. Delco Remy	RBM 2295-7	0.9	91.0
NOTE: When Exide Battery AC-78M is installed, Arm (IN) for Solenoid A.B.C. will change to 89.0			
INSTRUMENTS			
18. STALL WARNING			
A. Maule	6016F	0.1	1.5
19. COMPASS			
A. Airpath	C-2300	0.75	-2.4
B. Airpath	C-2300-DL	0.75	-2.5
C. Airpath	C-2400-LP	0.75	-2.5
D. Airpath	C-2400-ILP	0.75	-2.5

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INSTRUMENTS (CONT'D)		WEIGHT (LBS)	ARM (
20.	ALTIMETER		
	A. Kollsman C-12	1.0	-2.0
	B. Kollsman C-13	1.0	-2.0
	C. Kollsman B-11	1.0	-2.0
	D. United Inst. 5932 T.S.O. C10b	1.0	-2.0
	E. MacLeod 12003P T.S.O. C10b	1.0	-2.0
	F. United Inst. 5934 TSO C10b	1.0	-2.0
21.	AIRSPEED	1.0	-2.0
	A. Eclipse Pioneer 1426-13-A1	0.7	-1.0
	B. United Inst. 8000 T.S.O. C2B	0.7	-1.0
	C. MacLeod 230-40-201 T.S.O. C2B	0.7	-1.0
22.	INSTRUMENT CLUSTER (FUEL AND AMP)	0.7	-1.0
	A. A. C. AC6459941	0.6	-0.7
23.	INSTRUMENT CLUSTER (OIL, CYL. HEAD TEMP.)		
	A. A. C. AC6459944	0.6	-0.7
24.	FUEL PRESSURE		
	A. U. S. Gage AW-2-21-B	0.5	-0.8
	B. U. S. Gage AW-1 7/8-15-CDF11	0.5	-0.8
25.	MANIFOLD PRESSURE		
	A. United Inst. 6000M	0.8	-1.5
	B. Ramco AN5770	0.8	-1.5
26.	MANIFOLD AND FUEL PRESSURE		
	A. United Inst. 6080M	1.0	-1.5
	B. MacLeod 735-101	1.0	-1.5
27.	TACHOMETER		
	A. A. C. RT-9	0.8	-1.2
LANDING GEAR			
28.	TIRES WITH TUBES		
	A. Goodyear (2) Type III 6:00 x 6 4/6 ply TSO C62b	23.12	-2.5
	B. General (2) Type III 6:00 x 6 4/6 ply TSO C62b	23.12	-2.5
	C. Schenit (2) Type III 6:00 x 6 4/6 ply TSO C62b	23.12	-2.5

Date 11/21/72 Initials 10/15/7
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				WEIGHT (LBS)	APX (I)	
28.	TIRES WITH TUBES (CONT'D)					
	D. Schenuit (2) TSO C62b	Type III 8:00 x 6	4/6 ply			
	E. Schenuit (2) TSO C62b	Type III 8:50 x 6	4/6 ply	30.0	-2.5	
				38.5	-2.5	
29.	MAIN WHEEL					
	A. Cleveland	C3E500HA	TSO C26a	5.1	-2.5	
	B. Cleveland	40-28	TSO C26a	5.1	-2.5	
	C. Cleveland	40-97D	TSO C26a	5.1	-2.5	
30.	BRAKE					
	A. Cleveland	C2000	TSO C26a	1.8	-2.5	
	B. Cleveland	30-18	TSO C26a	1.5	-2.5	
	C. Cleveland	30-63E	TSO C26a	1.9	-5.5	
31.	TAIL WHEEL					
	A. Maule	SFS-1-2	TW-101	6.2	185.5	
	B. Maule	SFS-PE-1-2	TW-100	7.0	185.5	
SAFETY BELTS						
32.	FRONT SEAT BELTS					
	A. Rupert (2)	Model 80		1.5	21.0	
	B. Cummings & Sanders (2)	B-32T-26	TSO C22e	1.5	21.0	
	C. Cummings & Sanders	P/N 9601F (1500 Lbs.)	C22e	1.5	21.0	
33.	REAR SEAT BELTS					
	A. Rupert (2)			0.6	52.0	
	B. Cummings & Sanders (2)	B-32T-32	TSO C22e	0.6	52.0	
	C. Cummings & Sanders	P/N 9601F (3000 Lbs.)	C22e	0.6	52.0	
34.	CARGO & LUGGAGE STRAPS					
	A. Aeroquip Front	31010036072-022		0.75	43.5	
	B. Aeroquip Rear	31010036072-022		0.75	71.0	
LIGHTS						
35.	POSITION LIGHTS (WING)					
	A. Grimes Left (red)	Type 1285		0.25	16.5	
	B. Grimes Right (green)	Type 1285		0.25	16.5	
36.	TAIL LIGHT					
	A. Grimes	A206L-12		0.15	199.0	
37.	LANDING LIGHT					
	A. Left Wing	9030E		1.0	5.0	

DATE F. A. A. APPROVED

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		WEIGHT (LBS)	ARM (IN)
38.	WINDSHIELD		
	A. Clear 116SX		
	B. Green 116SX		
	C. Blue 116SX		
39.	EMERGENCY LOCATION TRANSMITTER		
	A. Sharc. 7 Model No. 7A-81 Type AF TSO-C91	2.3	18.75