DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

1H11
Revision 20
Centerpointe Aerospace Inc.
S-58A S-58J
S-58B S-58BT
S-58C S-58DT
S-58D S-58ET
S-58E S-58FT
S-58F S-58HT
S-58G S-58JT
S-58H
Military Models (See Note 6, 7, 8)
September 19, 2019

HELICOPTER SPECIFICATION NO. 1H11

Type Certificate Holder — Centerpointe Aerospace Inc
279 Blackland Road
Royse City, TX 75189

Type Certificate Holder Record — California Helicopter Airways Inc. became Centerpointe Aerospace Inc. on September 19, 2019. Sikorsky Aircraft transferred TC 1H11 to California Helicopter Airways Inc. on May 06, 2015.

I. - Model S-58A, S-58B, S-58C, 14 PLCH, Approved August 2, 1956, Model S-58D, 14 PLCH, Approved December 15, 1961, Model S-58E, 14 PLCH, Approved May 27, 1971, Model S-58F, S-58G, S-58H, S-58J, 14 PLCH, Approved March 15, 1972. (See Note 6, 7, 8 for Military versions.)

Engine
1. Wright Cyclone 989C9HE-2 or
2. Wright Cyclone 998C9HE-2 engine (Same limitations as for Wright 989C9HE-2)

Fuel — 115/145, 100/130 minimum grade aviation gasoline

Engine limits

	HP	R.P.M.	M.P. in Hg.	Alt.
Fuel Grade 115/145				
Maximum continuous	1275	2500	47.5	S.L.
Maximum continuous	1275	1500	46.0	3500 ft.
Takeoff (five minutes)	1525	2800	56.5	S.L.
Takeoff (five minutes)	1525	2800	55.5	700 ft.
(Straight line manifold pressure variation with altitudes shown)				
Fuel Grade 100/130 (Item 401(f) required)				
Maximum continuous	1275	2500	47.5	S.L.
Maximum continuous	1275	2500	46.0	3500 ft.
Takeoff (five minutes)	1425	2800	53.0	S.L.
Takeoff (five minutes)	1425	2800	52.0	2900 ft.
(Straight line manifold pressure variation with altitude shown)				

Rotor limits — Maximum 258 r.p.m.
Minimum 170 r.p.m. See NOTE 3 for required placard.

Airspeed limits — Maximum never exceed 120 knots CAS (117 knot IAS).
See NOTE 3 for required placard.

C.G. range — (+129.6) to (+146.7)

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Empty wt. C.G. range: None

Maximum weight: 12,700 lb. for S-58A, S-58B, S-58C, (See Item 604 for higher weight)
13,000 lb. for S-58D and S-58E
12,500 lb. for S-58F, S-58G, S-58H, S-58J. (See NOTE 9 for these Models).

No. seats: 14 Pilot and co-pilot: (+93)
Passengers:
(S-58A): 3 at (+131), 1 at (+162), 1 at (+175), 1 at (+180), 1 at (+198), 1 at (+211), 1 at (+218), 3 at (+254).
(S-58C): 3 at (+131), 3 at (+174), 3 at (+211), 3 at (+254) (also S-58G)
(See item 402 for model S-58B, S-58D, S-58E, S-58F, S-58H, S-58J seating arrangements to 16)

Maximum baggage: (S-58A) Lower shelf 260 lb. (+97)
Upper shelf 100 lb. (+95)
(S-58B, S-58D, S-58E) 200 lb./sq.ft. (+82.5 to +246)
(S-58C) 200 lb./sq.ft. (+82.5 to +112)
(See NOTE 5 for cargo capacity.)
(Refer to the appropriate Helicopter Flight Manual for additional information.)

Fuel Capacity: See NOTE 1 for data on system fuel and oil.

12 Cell Configuration S-58A, S-58B, S-58C, S-58F, S-58G

USABLE FUEL (Pump Type Transfer System)

Location	Volume (Gal)	Maximum Weight (lb.)	Arm (In.)
Forward Tank	124	744	121
Center Tank	69	414	184
Aft Tank	92	552	223
TOTAL	285	1710	

12 Cell Configuration S-58D, S-58E, S-58H, S58J

USABLE FUEL (Ejector Type Transfer System)

Location	Volume (Gal.)	Maximum Weight (lb.)	Arm (In.)
Forward	99	594	121
Center Tank	68	408	184
Aft Tank	87	522	233
TOTAL	254	1524	

11 Cell Configuration S-58E, S-58D, S-58H, S-58J

USABLE FUEL (Ejector Type Transfer System)

Location	Volume (Gal.)	Maximum Weight (lb.)	Arm (In.)
Forward Tank	99	594	121
Center Tank	68	408	184
Aft Tank	87	522	233
TOTAL	254	1524	

Oil Capacity — 10.5 gal. (+75)

Rotor blade movements — For rigging information refer to Maintenance Manual.

Serial Nos. eligible

58310, 58312, 58324, 58333, 58350, 58356, 58363, 58387,
58388, 58395, 58396, 58403, 58410, 58414, 58432, 58449,
58462, 58470, 58482, 58519, 58530, 58534, 58700, 58775,
58807, 58836, 58898, 581016, 581573,
(See NOTE 6, 7, 8 for other S/N's eligible)

Required equipment — In addition to the pertinent required basic equipment specified in CAR 6, the following items of equipment must be installed:
102, 104, 105, 111, 112, 201, 202, 205, 206, 301, 302, 303, 401

Certification basis — Type Certificate No. 1H11 (CAR 6, January 15, 1951 and Amendment 6-1 through 6-6). The Model S-58C is eligible for scheduled air carrier operation.

II- Model S-58BT, S-58DT, S-58ET, 14 PLCH, Approved 18 February 1972
Model S-58FT, S-58HT, S-58JT, 14 PLCH, Approved 27 March 1972
(See NOTE 6, 7, 8 for Military Versions) (See NOTE 10 regarding Supplemental Type Certification of P&WA ACL PT6T-3 Conversion)

Engine
1. Pratt & Whitney Aircraft of Canada, Ltd. PT6T-3 Twin Power Section Turboshaft (Ref. NOTE 5 Engine Type Certificate Data Sheet No. E22EA) or
2. Pratt & Whitney Aircraft of Canada, Ltd. PT6T-6 Twin Power Section Turboshaft (Ref. NOTE 5 Engine Type Certificate Data Sheet No. E22EA)

Fuel
1. PT6T-3 Twin Power Section Turboshaft:
JP-1, JP-4 and JP-5 conforming to current issue of PWA Specification No. 522. Emergency use of aviation gasoline, all grades; (MIL-G-5572) is permitted for a total time period not exceeding 150 hours during any overhaul period.

2. PT6T-6 Twin Power Section Turboshaft:
Fuels conforming to PWA Specification No. 522 and CPW-46, and later revisions. Emergency use of MIL-G-5572, Grades 80/87, 91/98, 100/130, and 115/145, is permitted for a total time period not exceeding 150 hours, or 450 hours using a 1:3 mixture of aviation gasoline and aviation kerosene, during any overhaul period.

3. See NOTE 14.

Engine limits
1. PT6T-3 Twin Power Section Turboshaft:
Sea Level Static, Standard Day Conditions. Total power output

RFM Item 401(o)	Shaft hp.	Power Turbine r.p.m.	Gas Gen. r.p.m.	Power Turbine Inlet Temp T5
Takeoff (5 min.)	1505	3300(100%)	38100(100%)	810°C
Maximum continuous	1262	29700(90%)Max. 29040(88%)Min.	38100(100%)	765°C
Transient limit (10 sec)			(101.5%)	850°C
Starting limit (2 sec)				1090°C

Total power output, Meeting FAR 29, Category "A" Powerplant Installation Requirements

Engine limits (Cont'd)

RFM Item 401(p) or 401(s)	Shaft hp.	Power Turbine r.p.m.	Gas. Gen. r.p.m.	Power Turbine Inlet Temp T5
Takeoff (5 min.)	1625	33000 (100%)	38100 (100%)	810°C
Maximum continuous	1420	31020 (94%)Max. 30360 (92%)Min.	38100 (100%)	765°C
Transient limit (10 sec)			(101.5%)	850°C
Starting limit (2 sec)				1090°C
Single power section See NOTE 10	900	33000 (100%)	38100 (100%)	810°C

2. PT6T-6 Twin power Section Turboshaft:
Sea Level Static, Standard Day Conditions. Total power output Meeting FAR 29, Category "A" Power Plant Installation Requirements

RFM Item 401(s)	Shaft hp.	Power Turbine r.p.m.	Gas. Gen. r.p.m.	Exhaust Gas Temp T7
Takeoff (5 min.)	1625	33000 (100%)	38400 (100.8%)	624°C
Maximum continuous	1420	31020 (94%)Max. 30360 (92%)Min.	38400 (100.8%)	593°C
Transient limit (5 sec)			39100 (102.6%)	645°C
Starting limit (2 sec)				760°C
Single power section See NOTE 13.	970	33000 (100%)	38400 (100.8%)	624°C

Rotor limits
Maximum 258 r.p.m. (104% Nr)
Minimum 170 r.p.m. (68% Nr)

Airspeed limits
Never exceed 120 knots CAS (117 knots IAS)
See NOTE 3 for required placard.

C.G. range
(+129.6) to (+146.7)

Empty wt. C.G. range
None

Maximum weight
13000 lb. for S-58BT, S-58DT, S58ET
12500 lb. for S-58FT, S-58HT, S-58JT

No. seats
14 pilot and co-pilot: (+93)
Passengers (see Item 402 for cabin seating arrangements)
(S-58DT, S-58HT) 1 at 131, 1 at 148, 1 at 166, 1 at 174, 1 at 183, 1 at 189, 1 at 201, 1 at 205, 1 at 218, 1 at 221, 1 at 236, 1 at 237.
(S-58ET, S-58JT) 2 at 96, 1 at 112, 1 at 116, 1 at 135, 1 at 156, 2 at 176, 2 at 196, 2 at 215 (see Item 402 for other seating arrangements)

Maximum baggage
(S-58BT, S-58DT, S-58ET) 200 lb./sq. ft. (+82.5 to +246) (Refer to the appropriate Helicopter Flight Manual for additional information.)

Fuel Capacity

See NOTE 1 for data on system fuel and oil

12 Cell Configuration S-58BT, S-58ET, S-58FT, S-58JT

USABLE FUEL (Pump Type Transfer System)

Location	Volume (Gal.)	Maximum Weight (lb.)	Arm (In.)
Forward Tank	120	816	121
Center Tank	69	469	184
Aft Tank	90	612	223
TOTAL	279	1897	

12 Cell Configuration S-58BT, S-58ET, S-58FT, S-58JT

USABLE FUEL (Ejector Type Transfer System)

Location	Volume (Gal.)	Maximum Weight (lb.)	Arm (In.)
Forward Tank	123	837	121
Center Tank	62	422	184
Aft Tank	88	598	223
TOTAL	273	1857	

11 Cell Configuration S-58DT, S-58ET, S-58HT, S-58JT

USABLE FUEL (Ejector Type Transfer System)

Location	Volume (Gal.)	Maximum Weight (lb.)	Arm (In.)
Forward Tank	94	639	121
Center Tank	62	422	184
Aft Tank	88	598	223
TOTAL	244	1659	

Oil Capacity

Each Engine Power Section 1.6 gal. (0.75 usable) +40.0 In.

Rotor Blade Movements

For rigging information, refer to Maintenance Manual.

Serial Nos. Eligible

Production of turbine models is not planned, but rather conversion of the reciprocating engine models to turbine models. All S-58B's, S-58D's, S-58E's, S-58F's, S-58H's, and S-58J's serial numbers are eligible for conversion.
(See NOTE 6, 7, 8 for other serial numbers eligible).

Required Equipment

Basic required equipment as prescribed in the applicable airworthiness regulations (See Certification Basis) must be installed in the helicopter for certification: Also Items 103, 106, 108, to 125 except 111, 201, 202, 205, 206, 304, 305, 401. Also 126(a) required with P&W Aircraft PT6T-3 engine installation. Item 126(b) required with P&W Aircraft PT6T-6 engine installation.

Certification basis	Type Certificate No. 1H11 (CAR 6, January 15, 1951, and Amendment 6-1 through 6-6); In addition, for configuration I, (Sikorsky Kit No. 580000-10000-011) portions of FAR 29 dated 1 February 1965 including Amendments 29-1 through 29-3, specifically; 29.73; 29.361(a); 29.901(b)(5); 29.903(c); 29.927(b); 29.939; 29.955(a); 29.997(e); 29.1041(a); 29.1091(f); 29.1093(b); 29.1121(h); 29.1181(a); 29.1185; 29.1187(a) through (d); 29.1189(a)(1), (b), (d), (e) and (f); 29.1191(a), (c), (d), and (f); 29.1193(a) through (d); 29.1194; 29.1195(a) and (c); 29.1203; 29.1303(e); 29.1305(a)(3), (a)(4), (a)(6) through (a)(15), and (c), also; Special Conditions 27-33-EA-8 (Docket No. 10991) dated 14 April 1971, and Exemption No. 1154 (Docket No. 10310) dated 10 July 1970. For Configuration II, (Sikorsky Kit No. 58000-10000-012) the certification basis of Configuration I applies except for deletion of Special Flight Condition No. 1 of Special Conditions 27-33-EA-8 (Docket No. 10991) dated 14 April 1971 and addition of the following applicable FAR 29 requirements: 29.33; 29.45; 29.51; 29.63; 29.65; 29.75; (a) and (c)(1); 29.79(a) and (b)(1); 29.141; 29.171; 29.173; 29.175; 29.231; 29.241; 29.251; 29.663(b); 29.303(b); 29.951; 29.953(a); 29.961; 29.967(a) and (e); 29.971(a), (b) and (c); 29.973(b); 29.975(a); 29.977; 29.991(c)(2) and (3); 29.993(c) and (e); 29.995; 29.1011(b); 29.1017(b); 29.1019; 29.1023(b); 29.1047(a); 29.1049; 29.1103(b) and (c); 29.1123; 29.1141(d) and (e); 29.1163(b) and (d); 29.1187(e); 29.1189(c); 29.1193(e); 29.1195(b); 29.1305(b); 29.1501; 29.1509; 29.1517; 29.1581; 29.1587(b)(1). In addition, FAR 29.1505 (Ref. Revision 4 FMS No. 16 to RFM SA4045-12 (Item 401(p)): FAR 25.801, 25.807(d) (Ref. FMS No. 13 to RFM SA4047-17 (Item 401(dd)). Configuration II differs from Configuration I in that the rotorcraft complies with the FAR 29 Category "A" Power Plant installation requirements when operating under Configuration II. Refer to Item 401 (p) for additional differences. A Configuration II rotorcraft can be flown as a Configuration I rotorcraft, but a Configuration I rotorcraft cannot be flown as a Configuration II rotorcraft.

Specifications Pertinent to all Models:

Datum	137.7 inches forward of main rotor centroid
Leveling Means	Plumb bob from top of cabin door frame to scale on lower door sill
Production basis	Production Certificate No. 105 (S-58A, S-58B, S-58C, S-58D, S-58E, S-58F, S-58G, S-58H, S-58J, S-58BT, S-58DT, S-58ET, S-58FT, S-58HT and S-58JT)

Equipment:

(a) "x" indicates applies
(b) "-" indicates does not apply
(c) "_./" indicates item No. of previous revision

		Engine and Engine Accessories - Fuel and Oil System		Reciprocating Engine	Twin Power Section Turboshaft
	102.	Starter Model AN4116R3	28 lb. (+22)	x	-
112./	103.	Starter generator, Lear Siegler 23046-0019		-	x
103./	104.	Fuel Pump - engine driven AN4101-1	3 lb. (+31)	x	-
104./	105.	Fuel pump, boost, Romec RG11260-A1	4 lb. (+121)	x	-
113./	106.	Fuel pump, boost, Lear Siegler P/N RG17020A-1		-	x
109./	107.	Master mechanical fuel shut-off valve installation in accordance with Sikorsky Kit Dwg. No. S1607-3041. Item 401(k) required with this installation.		x	-
116./	108.	Fuel shut-off valve, Aerospace Controls AV16B1847D		-	x
117./	109.	Manual fuel drain valve, Koehler 8151-4AF		-	x
118./	110.	Fuel filter drain valve, Koehler 3-116965		-	x
105./	111.	Oil cooler, engine, Airesearch Model No. 88340	36 lb. (+66)	x	-
106./	112.	Oil cooler, transmission, Harrison Radiator Model No. 852534	28 lb. (+199)	x	-
114./	113.	Oil cooler, (four) radiator, Harrison 8538233		-	x
115./	114.	Oil cooler, blower (a) Dynamic Air M141S-1A		-	x
		(b) Torin A27583		-	x
119./	115.	Manual oil drain valve, Koehler 8151-8AV		-	x
120./	116.	Oil pump, angle gear box, Lear Siegler RG34000C		-	x
121./	117.	Hydraulic pump, N.Y. Airbrake 67WL200-2		-	x
122./	118.	Torquemeter Transmitter, Bendix 58450-10012-101		-	x
123./	119.	Torquemeter Indicator, Bendix 6300-C49A-155-B1		-	x
124./	120.	Engine Tachometer generator (N_g), MS25038-4		-	x
125./	121.	Engine Tachometer generator (N_f), MS25038-2		-	x
126./	122.	Engine Tachometer Indicator (N_g), General Electric 8DJ1CAA-2		-	x
127./	123.	Engine Tachometer, Indicator (N_f), included Item 125		-	x
128./	124.	Main Rotor Tachometer generator, MS25038-2		-	x
129./	125.	Triple Tachometer Indicator, (a) Kollsman P/N 58450-10011-101		-	x
		(b) Kollsman A5590110010		-	x
130./	126a.	Engine T_5 Gas Temperature Indicator, Lewis 152B33		-	x
	b.	Engine T_7 Gas Temperature Indicator, Lewis 71700 (See NOTE 3)		-	x
107./	127.	Auxiliary 85 gal. fuel tank installation in accordance with Sikorsky Dwg. No. S1630-62703 Fuel arm (+223) (S-58C and S-58G)	60 lb. (+223)	x	-
108./	128.	Auxiliary 60 gal. fuel tank installation in accordance with Sikorsky Kit Dwg. No. S1607-3106. (S-58A, S-58B, S-58C, S-58F, S-58G, S-58BT, S-58FT) Use actual wt. change		x	x
	129.	Auxiliary 150.5 gal. fuel tank installation in accordance with Sikorsky Kit Dwg. No. S1630-62245-5. (Installation of basic tank P/N 58088-30008 as modified by 58088-30010 mod. kit.) (S-58BT, S-58DT, S-58ET, S-58FT, S-58HT) Item 401 (bb) required with this installation. See NOTE 3 for operating limitations.		-	x
110./	130.	Chip detector installation in accordance with Sikorsky Kit Dwg. No. S1607-4598. Item 401(l) required with this installation.		x	x

Landing Gear			Reciprocating Engine	Twin Power Section Turboshaft
201.	Two main wheel-brake assemblies, 11.00-12, Type III (a) Goodyear Model L12HBM Wheel assembly No. 530884G Brake assembly No. 530886SG	39 lb. (+101)	x	
202.	Two main wheels, 6-ply rating tires, 11.00-12, Type III, with regular tubes	31 lb.(+101)	x	x
205.	Tail wheel assembly, 6.00-6, Type III (a) Goodyear Model L6HBD Wheel assembly No. 9531065	4 lb. (+440)	x	x
206.	Tail wheel 6-ply rating tire, 6.00-6, Type III, with regular tube. Dunlop tube and tire size 11.00-12, Type 20, No. 6, 1EXX, nylon 8 ply rating may be used as an alternate on Models S-58BT, S-58DT, and S-58ET.	11 lb. (+440)	x	x
207.	Emergency inflatable float gear installed in accordance with Sikorsky Dwg. No. S1625-55030 for S-58A, S-58B, S-58D, S-58E, S-58F, S-58H, S-58J, S-58BT, S-58DT, S-58ET, S-58FT, S-58HT, S-58JT. Sikorsky Dwg. No. S1625-55000 for S-58C, S-58G. Additional modifications in accordance with Sikorsky Dwg. No. S1607-2556 are required when Item 209 is installed. Item 401(d) required with this installation on reciprocating models. Item 401(v) required with this installation on turboshaft models. See NOTE 3 for operating limitations.	338 lb. (+164)	x	x
208.	Emergency flotation gear. Use actual wt. change		x	x
	(a) P/N S1625-56000 installed in accordance with Sikorsky Kit Dwg.S6107-2515 and Sikorsky Service Information Circular No. 1625-1188. (S-58B, S-58D, S-58E, S-58F, S-58H, S-58J Item 401(e) and/or Item 401(h) required with this installation) (S-58BT, S-58DT, S-58ET, S-58FT, S-58HT, S-58JT, Item 401(w) and/or Item 401(x) required with this installation).			
	(b) P/N S1625-56100 installed in accordance with Sikorsky Kit Dwg. No. S1607-2515 and Sikorsky Service Information Circular No. S1625-1123 (S-58C, S-58G Item 401(e) and/or 401(h) required with this installation). (maximum weight 12,700 lbs.). See NOTE 3 for operating limitations.		-	x
209.	Main landing gear installation in accordance with Sikorsky Dwg. No. S1607-2552A.	Use actual wt.		
210.	Salvage flotation gear installed in accordance with Sikorsky Dwgs. S1607-2571-4, -7, -8. (S-58B, S-58C, S-58D, S-58E, S-58F, S-58G, S-58H, S-58J Item 401(n) required with this installation) (S-58BT, S-58DT, S-58ET, S-58FT, S-58HT, S-58JT, Item 401(y) required with this installation) See NOTE 3 for operating limitations.	Use actual wt.	x	x
211.	Ditching flotation system installation in accordance with Sikorsky Dwgs. S1607-2571-4, -7, or -8, and Sikorsky Dwg. 58088-20073 (modified door); Item 401(dd) required with this installation.		x	x

			Reciprocating Engine	Twin Power Section Turboshaft
Electrical Equipment				
301.	Generator			
	(a) 30V, 300 amp., Eclipse Red Bank Model 30E20-9-1A, 30E20-11A or 30E20-49A	45 lb. (+19)	x	-
302.	Battery			
	(a) 24V, 24 amp. hr., Model AN3151-2	56 lb. (+77)	x	-
	(b) 24V, 26 amp. hr., Model AN3150-2	80 lb. (+77)	x	-
303.	Two inverters, 250 V.A. output, Model AN3532-2	17 lb. (+76)	x	-
304.	Battery Sontone			
	(a) Sonotone CA21H-1, 22 amp hr., 28V		-	x
	(b) Sonotone CA5, 35 amp hr., 28V		-	x
305.	Inverters (two) AN3532-3, 250VA, 11V, 400 cycle		-	x
306.	Relay & Sensor Assembly 58550-10249-042			
Interior Equipment				
401.	(a) FAA approved Rotorcraft Flight Manual dated August 2, 1956, reissued June 28, 1957, revised 13 August 1972 (RFM 4045-12)		x	-
	(b) Supplement No. 1 dated August 2, 1956, reissued June 10, 1958, revised August 28, 1983, to item 401(a). Contains operational information for Item 602.		x	-
	(c) Supplement No. 2 dated August 2, 1956, reissued April 25, 1958, revised August 28, 1973 to Item 401(a). Contains operational information for Item 603.		x	-
	(d) Supplement No. 3 dated December 10, 1956, reissued May 7, 1958, revised 21 October 1971, to Item 401(a). Required when Item 207 is installed.`		x	-
	(e) Supplement No. 4 dated February 18, 1957, reissued May 7, 1958, revised October 21, 1971, to item 401(a). Required when Item 208 is installed.		x	-
	(f) Supplement No. 5 dated October 9, 1957, reissued June 10, 1958, revised April 23, 1959, to Item 401(a). Required when grade 100/130 fuel is used.			
	(g) Supplement No. 6 dated December 30, 1957, reissued June 18, 1958, revised October 21, 1960, to Item 401(a). Required when Item 604 is installed.			
	(h) Supplement No. 7 dated April 25, 1958, revised 28 August 1973, to Item 401(a). Contains operational information when both Item 208 and Item 603 are installed.		x	-
	(i) Supplement No. 8 dated May 7, 1958, revised December 15, 1961, to Item 401(a). Required when Item 605 is installed.		x	-
	(j) Supplement No. 9 dated February 24, 1959, to Item 401(a) Contains operational information when Ejector Fuel System is used on S-58B.		x	-
	(k) Supplement No. 11 dated November 13, 1959, to Item 401(a). Required when Item 107 is installed.		x	-
	(l) Supplement No. 12 dated October 17, 1960 to Item 401(a). Required when Item 130 is installed.		x	-
	(m) Supplement No. 13 dated December 15, 1961, revised May 27, 1971, to Item 401(a). Required for the model S-58D and S-58E.		x	-
	(n) Supplement No. 14 dated March 5, 1965, revised October 20, 1971, to Item 401(a). Required when Item 210 is installed.		x	-

		Reciprocating Engine	Twin Power Section Turboshaft
	(o) Supplement No. 15 dated 15 April 1971, revised 30 November 1973, to Item 401(a). Required for installation of UACL PT6T-3 engine in Model S-58B, S-58D, S-58E, S-58F, S-58H and S-58J. Required for configuration I aircraft.	x	-
	(p) Supplement No. 16 dated 5 November 1971, revised 10 April 1973, to Item 401(a). Required for installation of UACL PT6T-3 engine, meeting FAR 29, Category A Power Plant Installation requirements in S-58B, S-58D, S-58E, S-58F, S-58H and S-58J. Required for configuration II aircraft. See NOTE 12.	x	-
	(q) Supplement No. 17 dated 15 March 1972, revised 27 March 1972 to Item 401(a). Required for the Model S-58F, S-58G, S-58H, S-58J (air taxi operations).	x	-
	(r) Supplement No. 18 dated 30 June 1972 to Item 401(a). Required when Item 602 is used in isolated Mountain Operations Above 8000 feet Density Altitude.		
	(s) FAA Approved Rotorcraft Flight Manual dated November 5, 1971, reissued April 18, 1973, revised September 13, 1977 See NOTE 12.	-	x
	(t) Supplement No. 1 dated April 20, 1973 to Item 401(s). Required when Item 602 is installed.	-	x
	(u) Supplement No. 2 dated April 20, 1973 to Item 401(s). Required when Item 603 is installed.	-	x
	(v) Supplement No. 3 dated April 20, 1973 revised July 15, 1976 to Item 401(s). Required when item 207 is installed.		
	(w) Supplement No. 4 dated April 20, 1973 to Item 401(s). Required when Item 208 is installed. Canceled.	-	x
	(x) Supplement No. 5 dated April 20, 1973 to Item 401(s). Required when Items 603 and 208 are installed. Canceled.		
	(y) Supplement No. 6 dated April 20, 1973, revised March 28, 1978, to Item 401(s). Required when Item 210 is installed.	-	x
	(z) Supplement No. 7 dated April 20, 1973, revised July 15, 1976, to Item 401(s). Required when Item 602 is used in Isolated, Mountain Operations above 8000 feet Density Altitude.		
	(aa) Supplement No. 8 dated June 5, 1973, revised March 28, 1975 to Item 401(s). Required when Item 608 is installed.	-	x
	(bb) Supplement No. 10 dated May 2, 1974, revised March 27, 1975 to item 401(s). Required when Item 129 is installed.	-	x
	(cc) Supplement No. 12 dated May 2, 1974, revised May 2, 1978 to Item 401(s). Required when Item 609 is installed.	-	x
	(dd) Supplement No. 13, dated April 10, 1975 revised March 28, 1978, to item 401(s) when Item 211 is installed.		
402.	Optional cabin seating arrangements, Sikorsky Dwg. Nos.;		
	(a) S1650-61750, 12 Place (S-58B, S-58D, S-58F, S-58H, S-58BT, S-58DT, S-58FT, S-58HT).	x	x
	(b) S1650-61760, 14 Place (S-58B, S-58F, S-58BT, S-58FT).	x	x
	(c) S1607-5091, 15 Place (S-58B, S-58F, S-58BT, S-58FT).	x	x
	(d) S1607-5094, 16 Place (S-58B, S-58D, S-58E, S-58F, S-58H, S-58J, S-58BT, S-58ET, S-58FT, S-58JT).		
	NOTE: Seating configuration with more than 15 seats in cabin must have a secondary emergency exit on the left side of the cabin.		
403.	Litters installed in accordance with Sikorsky Dwg. No. S1650-61770 (S-58B, S-58D, S-58BT, S-58DT). Use actual wt.	x	x
404.	Pilot and copilot seat, Aerosmith Model C-111.	x	x

			Reciprocating Engine	Twin Power Section Turboshaft
Miscellaneous Equipment (not listed previously)				
601.	Hydraulic pump, variable delivery, N.Y. Airbrake Model No. 67WB200 (S-58A, S-58B, S-58C, S-58F, S-58G, S-58BT, S-58DT, S-58ET, S-58FT, S-58HT, S-58JT).			
	(a) Transmission-driven	8 lb. (+156)	x	x
	(b) Engine-driven	8 lb. (+125)	x	-
602.	Cargo sling installation (S-58A, S-58B, S-58C, S-58D, S-58E, S-58F, S-58G, S-58H, S-58J Item 401(b) or 401(r) required with this installation. S-58BT, S-58DT, S-58ET, S-58FT, S-58HT, S-58JT Item 401(t) or 401(z) required with this installation).			
	(a) Sikorsky Dwg. No. S1650-62150, (4000 lb.)		x	x
	(b) Sikorsky Dwg. No. S1650-62195, (5000 lb.)		x	x
	See NOTE 4 for operating limitations.			
603.	Hoist installation in accordance with Sikorsky Dwg. No. S1650-61700 (S-58A, S-58B, S-58C, S-58D, S-58E, S-58F, S-58G, S-58H, S-58J). Item 401(c) and/or 401(h) required with this installation. S-58BT, S-58DT, S-58ET, S-58FT, S-58HT, S-58JT Item 401(u) and/or Item 401(x) required with this installation).		x	x
	See NOTE 4 for operating limitations.			
604.	Modifications for increase in gross weight of S-58A, S-58B, S-58C to 13,000 lb. in accordance with Sikorsky Kit Dwg. No. S1605-1700A. Item 401(g) required with this installation		x	-
	Fuel	115/145 minimum grade aviation gasoline		
	Rotor limits	See NOTE 3 for required placard.		
	Airspeed	Never exceed 107 knots IAS. See NOTE 3 for required placard.		
	Maximum weight	13,000 lb.		
605.	Automatic Stabilization Equipment installed in accordance with Sikorsky Dwg. No. S1605-4600. Item 401(i) required with this installation.		x	x
606.	Omitted.		-	-
607.	Modified nose door assembly and relocation of fixed equipment in accordance with Sikorsky Kit Dwg. No. S1607-4554 Use act. wt. change		x	-
	(S-58A, S-58B, S-58C, S-58F, S-58G).		-	x
608.	IFR Mod Kit No. 58000-10001-002. Item 401(aa) required with this installation. See NOTE 3 for operating limitations.		-	x
609.	Product improvement items as defined by Sikorsky Dwg. No. 58000-10000-014. Item 401(cc) required with this installation. See NOTE 3 for operating limitations.		-	x
610.	Bifilar vibration absorber installation in accordance with Sikorsky Modification Kit 58070-10003. Model S58T series only.		-	x

NOTE 1. Current weight and balance report, including list of equipment included in certificated weight empty, and loading instructions must be in each helicopter at the time of original certification and at all times thereafter. In the case of Air Carrier operators having an approved weight control system, the weight and balance report need not be in the helicopter. When changes are made to the helicopter which affect weight and balance refer to the Flight Manual for instructions.

NOTE 2. Information essential to the proper maintenance of the helicopter including retirement time of critical components is contained in the Sikorsky S-58 Maintenance Manual provided with each helicopter. Sikorsky Publication No. SA4045-15, Part IV, S58 Maintenance Manual, is applicable to Sikorsky Model S-58A, S-58B, S-58C, S-58D, S-58E, S-58F, S-58G, S-58H and S-58J helicopters. Sikorsky Publication No. SA4047-20, Equalized Inspection and maintenance Program (which supersedes Sikorsky Publication No. SA4045-15T, Part IV, S-58T Maintenance Manual) is applicable to Sikorsky Model S-58BT, S-58DT, S-58ET, S-58FT, S-58HT, and S-58JT helicopters. The values of retirement or service life cannot be increased without FAA engineering approval.

NOTE 3. The following placards must be displayed on the instrument panel in full view of the pilot:

(a) All model S-58 series and S-58T series:

(i) "THIS HELICOPTER MUST BE OPERATED IN COMPLIANCE WITH THE OPERATING LIMITATIONS SPECIFIED IN THE FAA APPROVED ROTORCRAFT FLIGHT MANUAL."
(ii) "AVOID FAST TURNS, 15-SEC. MINIMUM FOR 360 DEGREES."
(iii) "DURING EXTENDED HOVERING, CLOSE WINDOWS AND DOORS AND TURN VENT SYSTEM ON. CLOSE LEFT WINDOW DURING STARTING AND TAXIING." except when Item 207, 208, or 210 is installed.
(iv) "DO NOT FLY AT A PRESSURE ALTITUDE MORE THAN 3500 FEET ABOVE TAKE-OFF ALTITUDE." (Required when Item 208 or 210 with U.S. Rubber Floats Model Nos. PE-E-1005-1 and PE-E-1005-2 is installed.)
(v) "DO NOT FLY AT A PRESSURE ALTITUDE MORE THAN 6300 FEET ABOVE TAKE-OFF ALTITUDE." (Required when Item 208 or 210 with Air Cruisers Floats Model Nos. 11D11149 and 11D11150 is installed.)
(vi) "DO NOT MAKE WATER CONTACT ABOVE 20 KNOTS." (Required when Item 208 or 210 is installed.)
(vii) "DURING EXTENDED HOVERING, SIDEWARD AND REARWARD FLIGHT, CLOSE WINDOWS AND DOORS AND TURN VENT SYSTEM ON. CLOSE LEFT WINDOW DURING STARTING AND TAXIING." (Required when Item 207, 208 or 210 is installed.)
(viii) "LOCK TAIL WHEEL PRIOR TO TAKE-OFF WHEN THE TAIL WHEEL TYPE FLOAT IS INSTALLED." (Required when Item 207 is installed).
(ix) "DO NOT INFLATE FLOATS ABOVE 60 KNOTS IAS. DO NOT EXCEED 60 KNOTS WITH FLOATS INFLATED." (Required when Item 207 is installed.)

(b) All model S-58 series only, except as indicated:

(i) "AVOID TAXI TURNS BELOW 2400 ENGINE R.P.M."
(ii) Never exceed speeds. Variation of V_{ne} with altitude, engine r.p.m. and manifold pressure. (S-58A, S-58B, S-58C, S-58F, S-58G when Item 604 is not installed).

Alt.	2200 IAS	r.p.m. M.P.	2300 IAS	r.p.m. M.P.	2400 IAS	r.p.m. M.P.	2500 IAS	r.p.m. M.P.
S.L.	72	35.5	87	38.7	103	42.3	117	47.5
5000	--	--	60	37.0	76	41.0	90	F.T.
10000	--	--	--	--	--	--	63	F.T.

(iii) Never exceed speeds. Variation of V_{ne} with altitude, engine r.p.m. and manifold pressure. Required when Item 604 is installed (S-58A, S-58B, S-58C). Required for the S-58D, S-58E.

Alt.	2300 IAS	r.p.m. M.P.	2400 IAS	r.p.m. M.P.	2500 IAS	r.p.m. M.P.
S.L.	77	38.7	93	42.3	107	47.5
4000'	--	--	71	41.5	85	F.T.
8000'	--	--	--	--	63	F.T.

NOTE 3. (Cont'd)

(c) All model S-58T series only, except as indicated:

(i) "AVOID TAXI TURNS BELOW 88% Nr."
(ii) "MAXIMUM SIDEWARD FLIGHT SPEED NOT TO EXCEED 25 KNOTS."
(iii) "FUELING INSTRUCTIONS" Required with Item 401(p) or 401(s).
"1. SERVICE FROM ALL THREE FILLER NECKS
2. ALLOW SUFFICIENT TIME FOR LEVEL TO STABILIZE
3. TOP OFF AS NECESSARY"
(adjacent to center and aft fuel cell filler caps)
(iv) "NO. 2 FUEL QTY (Required with Item 401(p) or 401(s)). ADD BOTH NEEDLES"
(v) (below No. 2 Fuel Quantity Indicator)
"PASSENGER CAPACITY IS LIMITED TO 15 PERSONS WHEN EXTERNAL AUXILIARY FUEL SYSTEM IS INSTALLED" (Required when Item 129 is installed.) (Required with Item 401(bb)).
(vi) "USE AUXILIARY FUEL FIRST."
"AUXILIARY TANK USABLE FUEL IS 870 LBS. WITH THE BASIC TANK P/N 58088-30008 988 LBS. AS MODIFIED BY 58088-30010). (Required when Item 129 is installed. Required with Item 401(bb)).
(vii) "ACCURATE FOR GROUND ATTITUDE ONLY." (Required when Item 129 is installed. Required with Item 401(bb)).
(viii) Variation of V_{ne} with altitude, main rotor r.p.m. and gross weight. (See below) (Required with Item 401(p) or 401(s)).

Takeoff Gross Weight Vne Versus Density Altitude Power On Not to be Moved in Flight

13000 lb. or Below		
	89% NR	99% NR
Altitude	KIAS	KIAS
Sea Level	107	117
2000	96	117
4000	85	106
6000	74	95
8000	63	84
10000		73
12000		62

12000 lb.		11000 lb. or below	
93% NR			
Altitude	KIAS	Altitude	KIAS
Sea Level	117	Sea Level	117
3500	117	5000	117
4000	115	6000	111
6000	104	8000	100
8000	93	10000	89
10000	82	12000	78
12000	71	14000	67
13500	62	15000	62

POWER OFF Vne		
Density Altitude	81-91% Nr KIAS	92-104% Nr KIAS
Sea Level	107	117
2000	96	117
4000	85	106
6000	74	95
8000	63	84
10000		73
12000		62
15000		62

(ix) Never exceed speeds. Variation of Vne speed with Altitude. (See placard below) Required with Item 401(o).

Vne at 89% N_r Takeoff Gross Weights		
Density Altitude	12,700 Pounds and Below	12,700 to 13,000 Pounds
S.L.	117 KIAS	107 KIAS
4000 ft.	95 KIAS	85 KIAS
5000 ft.	90 KIAS	79 KIAS
8000 ft.	74 KIAS	63 KIAS
10000 ft.	63 KIAS	

(x) Torque Limits Placard (see below). Required with Item 401(o).

TAKE-OFF POWER Percent Torque @ N_r = 100%							
Pres Alt 1000	Temp °C						
	-20	-10	0	10	20	30	40
-1	108	106	103	101	99	96	93
0	106	104	101	100	97	93	90
1	104	102	100	97	94	90	87
2	102	100	98	94	91	87	84
3	100	97	95	91	88	84	81
4	98	94	91	87	84	81	78
5	95	91	88	84	81	78	74
6	91	87	84	81	78	74	71
7	88	84	81	78	75	71	68
8	84	81	77	74	71	68	65
9	81	77	74	71	68	65	62
10	77	73	71	68	65	62	59

MAX. CONTINUOUS POWER Percent Torque @ N_r = 89%							
Pres Alt 1000	Temp °C						
	-20	-10	0	10	20	30	40
-1	101	98	96	94	93	91	89
0	100	98	96	94	92	90	88
1	100	98	96	94	92	89	87
2	99	97	95	93	91	88	86
3	99	96	94	92	89	86	83
4	98	95	92	89	86	83	80
5	96	92	89	86	83	80	77
6	93	89	86	83	80	77	74
7	90	86	83	80	77	74	71
8	86	83	80	77	74	71	68
9	83	80	77	74	71	68	65
10	80	77	74	71	68	65	62

(xi) Variation of V_{ne} with altitude, main rotor r.p.m. and gross weight (see below). Required when Item 609 is installed. Required with Item 401(cc).

V_{NE} VS ALTITUDE PWR ON 93% NR			
	T.O. GROSS WT (LBS.)		
	11000 OR BELOW	12000	13000
ALTITUDE	KIAS	KIAS	KIAS
2000 & Less		117*	
3500			108*
4000		115*	106
5000		109*	100
6000	111*	104	95
8000	100	93	84
10000	89	82	73
12000	78	71	62
13500	70	62	
14000	67		
15000	62		
*FOR IFR FLIGHT REDUCE THESE SPEEDS TO 107 KIAS			

POWER OFF Vne		
DENSITY ALTITUDE	81-91% Nr KIAS	92-104% Nr KIAS
SEA LEVEL	107	117*
2000	96	117*
4000	85	106
6000	74	95
8000	63	84
10000	--	73
12000	--	62
15000	--	62
*FOR IFR FLIGHT REDUCE THESE SPEEDS TO 107 KIAS		

(xii) "BATTERY STARTS ON GROUND PROHIBITED" (in vicinity of T7 indicator on aircraft equipped with PT6T-6 engine. Placard not required if the DC/DC converter, P/N 58550-10347-101, is installed.)

(xiii) Variation of Vne with altitude, main rotor r.p.m. and gross weight (see below). Required when Item 608 is installed. Required with Item 401(aa).

TAKEOFF Gross Weight	13000 lb.		12000 lb.		11000 lb. or Below	
	ALTITUDE	KIAS	ALTITUDE	KIAS	ALTITUDE	KIAS
Vne versus DENSITY ALTITUDE POWER ON 93% Nr	SEA LEVEL	117*	SEA LEVEL	117*	SEA LEVEL	117*
	2000	117*	3500	117*	5000	117*
	4000	106	4000	115*	6000	111*
	6000	95	6000	104	8000	100
	8000	84	8000	93	10000	89
	10000	73	10000	82	12000	78
	12000	62	12000	71	14000	67
	-	-	13500	62	15000	62
	*FOR IFR FLIGHT REDUCE THESE SPEEDS TO 107 KIAS					

POWER OFF Vne		
DENSITY ALTITUDE	81-91% Nr KIAS	91-104% Nr KIAS
SEA LEVEL	107	117*
2000	96	117*
4000	85	106
6000	74	95
8000	63	84
10000	--	73
12000	--	62
15000	--	62
*FOR IFR FLIGHT REDUCE THESE SPEEDS TO 107 KIAS		

NOTE 4. The hoist (Item 603) and the cargo sling (Item 602) are special purpose equipment and are to be operated in accordance with the limitations described in CAR 8 or FAR 133 as applicable. Information concerning the operating limitations is also contained in Items 401(b), 401(c), 401(r), 401(h), 401(t), 401(u), 401(z), and (x).

NOTE 5. The cabin floor area for Model S-58C is structurally satisfactory for a uniformly distributed loading of 200 p.s.f. between Stations 112 and 246 and for 100 p.s.f. between Stations 246 and 296 when used for cargo purposes.

NOTE 6. Military model CH-34A (formerly H-34A), CH-34C (formerly H-34C), VH-34C (formerly H-34C), HH-34F (formerly HUS-1G), UH-34D (formerly HUS-1), UH-34E (formerly HUS-1A), VH-34D (formerly HUS-1Z), SH-34G (formerly HSS-1), SH-34H (formerly HSS-1F), SH-34J (formerly HSS-1N), UH-34G and UH-34J aircraft manufactured by Sikorsky Aircraft may be converted to models of the S-58 type shown on page 1 provided the converted aircraft conforms to a specific model in accordance with FAR 21.183(d). Any serial number in the "Serial Numbers Eligible" sections which has a "D" suffix applies only to the aircraft having a nameplate with a "D" suffix and an aircraft with a nameplate bearing the same Arabic number without the suffix "D" is not eligible.

NOTE 7. The following helicopters have been converted (reference: NOTE 6):

Serial Number	Surplus Military Model	Eligible For Certification as Civil Model	Modifier
58-112	H34C	S58E	Chicago Helicopters Airways Chicago, Illinois
58-269	CH34C	S58E	Heli-Crane, Inc. Maryland Heights, Missouri
58-279	H34A	S58E	Carson Helicopters, Inc. Perkasie, Pennsylvania
58-317	CH34C	S58E	Chicago Helicopters Airways
58-328	H34A	S58ET	Sikorsky Aircraft Stratford, Connecticut
58-336	H34A	S58E	Imperial Airways, Inc. South St. Paul, Minnesota
58-354	H34A	S58ET	Sikorsky Aircraft
58-374	H34A	S58ET	Sikorsky Aircraft
58-378	H34A	S58ET	Sikorsky Aircraft
58-412	CH34C	S58E	Chicago Helicopter Airways
58-437	S58B	S58BT	Sikorsky Aircraft
58-524	HUS-1	S58D	Chicago Helicopter Airways
58-531	CH34C	S58J	Pacific Crown Aviation, Inc.
58-540	CH34C	S58E	Chicago Helicopter Airways
58-601	H34A	S58ET	Sikorsky Aircraft
58-673	CH34C	S58ET	Orlando Helicopter Airways, Inc. P.O. Box 2802, Orlando, Florida
58-658	UH34J	S58BT	Chicago Helicopter Airways
58-692	S58B	S58BT	Sikorsky Aircraft
58-700	S58B	S58BT	Sikorsky Aircraft
58-721	H34A	S58ET	Sikorsky Aircraft
58-727	H34G	S58ET	Chicago Helicopter Airways
58-730		S58H	Pacific Crown Aviation
58-735		S58J	Edward Chopot
58-738	CH34C	S58E	Chicago Helicopter Airways
58-740	H34G	S58E	Carson Helicopters, Inc.
58-743	UH34J	S58B	Chicago Helicopter Airways
58-750	H34A	S58ET	Hawaii Helicopter International
58-761	HSS-1	S58B	Moore Aviation, Inc.
58-775	S58B	S58ET	Sikorsky Aircraft

Serial Number	Surplus Military Model	Eligible For Certification as Civil Model	Modifier
58-777	HSS-1	S58B	Carson Helicopters, Inc.
58-780	H34A	S-58ET	Hawaii Helicopter International Lihue, Hawaii
58-787	UH34D	S58D	Chicago Helicopter Airways
58-827	H34A	S58ET	Sikorsky Aircraft
58-855	H34G	S58ET	Sikorsky Aircraft
58-856	H34G	S58E	Hawaii Helicopter International
58-869	CH34C	S58J	Edward Chopot Hamilton, Montana
58-879	H34A	S58ET	Sikorsky Aircraft
58-926	HSS1N	S58B	Carson Helicopters, Inc.
58-941	CH34C	S58E	Chicago Helicopter Airways
58-956	H34A	S58ET	Sikorsky Aircraft
58-960	H34A	S58JT	Utility Helicopters, Inc. Long Beach, California
58-1070	H34A	S-58ET	Sikorsky Aircraft
58-1071	H34A	S58ET	Sikorsky Aircraft
58-1091	H34A	S58ET	Sikorsky Aircraft
58-1097	H34G	S58E	Imperial Airways, Inc.
58-1105	H34G	S58E	Imperial Airways, Inc.
58-1112	H34A	S58ET	Sikorsky Aircraft
58-1117	H34A	S58ET	Sikorsky Aircraft
58-1120	H34A	S58ET	Sikorsky Aircraft
58-1122	H34A	S58ET	Sikorsky Aircraft
58-1124	H34A	S58ET	Sikorsky Aircraft
58-1126	H34A	S58ET	Sikorsky Aircraft
58-1128	H34A	S58ET	Sikorsky Aircraft
58-1129	H34A	S58ET	Sikorsky Aircraft
58-1147	HUS-1	S58D	Carson Helicopters, Inc.
58-1148	HU34D	S58D	Carson Helicopters, Inc.
58-1158	SH34J	S58BT	Carson Helicopters, Inc.
58-1186	H34A	S58JT	Utility Helicopters, Inc.
58-1193	UH34D	S58D	Orlando Helicopter Airways, Inc.
58-1214	HUS-1	S58D	Chicago Helicopter Airways
58-1225	UH34D	S58B	Chicago Helicopter Airways
58-1227	HUS-1	S58D	Chicago Helicopter Airways
58-1272		S58J	
58-1402	HUS-1	S58D	Carson Helicopters, Inc.
58-1438	UH34D	S58D	Chicago Helicopter Airways
58-1439	HUS-1	S58D	Carson Helicopters, Inc.
58-1458	H34A	S58ET	Sikorsky Aircraft
58-1459	H34A	S58E(J)	Bering Associates Anchorage, Alaska
58-1461	UH-34D	S58D	John A. Haertsch Tucson, Arizona
58-1464	HUS-1	S58D	Carson Helicopters, Inc.
58-1487	UH34D	S58D	Chicago Helicopter Airways
58-1491	HUS-1	S58D	Carson Helicopters, Inc.
58-1492	UH34A	S58D	Chicago Helicopter Airways
58-1493	H34A	S58ET	Sikorsky Aircraft
58-1503	H34A	S58ET	Sikorsky Aircraft
58-1514	H34	S58ET	Sikorsky Aircraft
58-1519	UH34D	S58DT	Chicago Helicopter Airways

Serial Number	Surplus Military Model	Eligible For Certification as Civil Model	Modifier
58-1527	H34G	S58ET	Orlando Helicopter Airways
58-1536	H34A	S58ET	Sikorsky Aircraft
58-1537	H34A	S58ET	Sikorsky Aircraft
58-1538	H34A	S58ET	Sikorsky Aircraft
58-1547	H34A	S58ET	Sikorsky Aircraft
58-1551	H43A	S58E	Orlando Helicopter Airways, Inc.
58-1561	H34A	S58ET	Sikorsky Aircraft
58-1564	H34G	S58ET	Orlando Helicopter Airways, Inc.
58-1565	H34A	S58ET	Sikorsky Aircraft
58-1567	H34G	S58E	Chicago Helicopter Airways
58-1570	H34A	S58ET	Sikorsky Aircraft
58-1575	H34A	S58E	Lake Line Helicopters, Inc. Eden Prairie, Minnesota
58-1576	H34G	S58E	Utility Helicopters, Inc.
58-1589	H34G	S58ET	Orlando Helicopter Airways, Inc.
58-1606	H34A	S58ET	Sikorsky Aircraft
58-1607	CH34A	S58E	Helicopter Minut Men, Inc. Columbus, Ohio
58-1613	H34A	S58ET	Sikorsky Aircraft
58-1618	H34G	S58E	Chicago Helicopter Airways
58-1626	H34A	S58ET	Sikorsky Aircraft
58-1627	H34A	S58E	Olympic Helicopters Inc. Boeing Field, Seattle, Washington
58-1630	H34A	S58ET	Sikorsky Aircraft
58-1632	H34A	S58ET	Sikorsky Aircraft
58-1637	H34A	S58ET	Sikorsky Aircraft
58-1639	H34A	S58ET	Sikorsky Aircraft
58-1646	H34A	S58ET	Sikorsky Aircraft
58-1648	CH34A	S58E	Western Helicopters, Inc. Rialto, California
58-1657	H34A	S58ET	Sikorsky Aircraft
58-1659	HUS-1	S58ET	Sikorsky Aircraft
58-1663	H34G III	S58JT	Air Aisa Ltd.
58-1672	H34G	S58ET	Orlando Helicopter Airways, Inc.
58-1673	H34G	S58ET	Orlando Helicopter Airways, Inc.
58-1677	H34G-III	S58JT	Air Asia, Ltd.
58-1720	UH34D	S58D	4C's Helicopters, Inc. Martinez, California
58-1732	H34G	S58E(J)	Trans Alaska Helicopters Anchorage, Alaska
58-1787	UH34D	S58D	Orlando Helicopter Airways, Inc.
58-1809	UH34D	S58D	Carson Helicopters, Inc.

NOTE 8. The applicant for an airworthiness certificate for military versions of the S-58 series rotorcraft will be required to provide the information to the local Manufacturing Inspection District Office (MIDO), Manufacturing Inspection Field Representative (MIFR), or Manufacturing Inspection Satellite Office (MISO). After February 24, 1981, Sikorsky Aircraft will not provide Type Design information regarding eligibility and modifications to be accomplished for airworthiness certification of any military version of the S-58 type rotorcraft.

NOTE 9. Except for a difference in Maximum Weight, the following models are identical to each other including all limits:

S-58F identical to S-58B
S-58G identical to S-58C
S-58H identical to S-58D
S-58J identical to S-58E
S-58FT identical to S-58BT
S-58HT identical to S-58DT
S-58JT identical to S-58ET

NOTE 10. Initially the Pratt & Whitney Aircraft PT6T-3 engine installation in the S-58B and S-58E was approved via a Supplemental Type Certificate (SH71EA dated 15 April 1971, amended 27 May 1971, 5 November 1971 and 21 January 1972) issued to Sikorsky Aircraft. Subsequently, Sikorsky Aircraft requested that the turbine configured aircraft be added to Helicopter Type Certificate 1H11 as new models, which was accomplished on 18 February 1972 and 27, March 1972. Special service instructions are provided in SSI 129A for conversion to turbine aircraft.

NOTE 11. The Pratt & Whitney Aircraft PT6T-3 engine may be installed in a military aircraft which has been converted to either an S-58B, S-58D, S-58E, S-58H or S-58J under the provisions of NOTE 6, 7, and 8.

NOTE 12. Supplement No. 16 to Item 401(a) became Rotorcraft Flight Manual SA4047-17, Item 401(s) for S-58T series configuration II. See certification basis.

NOTE 13. Sikorsky Modification Kit No. 58070-30000 covers Pratt & Whitney Aircraft PT6T-6/PT6T-3 power package replacement.

NOTE 14. Use of the combustion heater installed on rotorcraft equipped with Pratt & Whitney Aircraft PT6T-6 or PT6T-3 engine power package is prohibited unless the heater installation is FAA approved for operation with turbine engine type fuels.

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