

**U.S. HELICOPTERS AND ENGINES**

**MANUFACTURER  
AND MODEL**

**ENGINE**

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**ENGINE**

**BELL**

Reciprocating

47G (200 h.p.)	Frank 6V4-200-C
47G2 (280 h.p.)	Lyc. VO-435-A
47G-3 (240 h.p.)	Frank 6VS-335
47G-3B (260 h.p.)	Lyc. TVD-435-A
47G-3B1 (270 h.p.)	Lyc. TVD-435-B
47G-4 (305 h.p.)	Lyc. VO-540-B
47G-5, G-5A (265 h.p.)	Lyc. VO-435-B
47H-1 (200 h.p.)	Frank 6V4-200-C
47J (260 h.p.)	Lyc. VO-435-A
47J-2 (305 h.p.)	Lyc. VO-540-B

Turbine

204	Lyc. T53L-11
205	Lyc. T53L-13
206	Alc. 250-C10-C18
212	OAC PT-6-42 (Twin-Pac)

**BRANTLY**

Reciprocating

B-2 (180 h.p.)	Lyc. VO-360-A or Lyc. HO-360-B
305 (305 h.p.)	Lyc. VO-540-B
305A (305 h.p.)	Lyc. IVO-540-A

**ENSTROM**

Reciprocating

F28A (180 h.p.)	Lyc. HIO-360A
F28B (180 h.p.)	Lyc. HIO-360-B

**FAIRCHILD-HILLER**

Reciprocating

UH-12B (200 h.p.)	Frank 6V4-200-C
UH-12C (210 h.p.)	Frank 6V-335-B
UH-12D (260 h.p.)	Lyc. VO-435-A
UH-12E (305 h.p.)	Lyc. VO-540-A
UH-12L (305 h.p.)	Lyc. VO-540-C
SL 1/4 (315 h.p.)	Lyc. TIVD-540-A

Turbine

FH 110D	Alc. 250-C18
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**HUGHES**

Reciprocating

269-A (180 h.p.)	Lyc. O-360-C or HO-360-B
200 (180 h.p.)	Lyc. HIO-360-B
300 (200 h.p.)	Lyc. HIO-360-A

Turbine

580, 500 U	Alc. 250, C18
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**JOVAIR CORP.**

Reciprocating

4E Sedan (210 h.p.)	Frank 6V-335
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**KAMAN**

Reciprocating

K-240 (255 h.p.)	Lyc. O-435-4
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**McCULLOCH**

Reciprocating

J-2 (180 h.p.)	Lyc. O-360-A
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**OMEGA**

Reciprocating

BS-12SR (210 h.p.)	2/Frank 6A-335-A
BS-12SC (210 h.p.)	2/Frank 6A-335-A
BS-12A (260 h.p.)	2/Lyc. O-540-F

**PIASECKI**

Turbine

16H-1H	OAC PT-6-B
16H-3K	OAC PT-6-B

**SCHUTZON**

Reciprocating

Model B (180 h.p.)	Lyc. IVO-360-A
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**SIKORSKY**

Reciprocating

S-51	P & W R-985-B4
S-55A	WAD R-1300
S-55C	P & W R-1340-57
S-56	WAD R-1300-3
S-58	2/P & W R-2800-50 or WAD R-1820-84

Turbine

S-58T	OAC PT-6-T-3
S-61LN	GE CT-58-140
S-64E	P & W JFTD12A

**VERTOL**

Reciprocating

44 Workhorse	WAD R-1820-103
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Turbine

80-105	Alc. 250-C20
KV-107	G.E. CT58

**ENGINE MODEL**

**IGNITER TYPE**

**Allison**

250-C10, C18, C20	YB-63
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**General Electric**

CT58	—
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**Lycoming**

T53 L-11	YC-53
T53 L-13	YT-53

**Pratt & Whitney**

JTFD 12A	—
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**United Aircraft**

PT6-B	GD-6
PT6-42	—

**NOTE: Fine wire spark plugs are recommended for all helicopter applications using reciprocating engines; however, massive electrode spark plugs are available and approved.**