

RECIPROCATING ENGINE CHARACTERISTICS

MODEL DESIGNATION (USAF & MFR) MANUFACTURER	AIRCRAFT INSTALLED IN	DESCRIPTION	ENGINE RATINGS (BHP AT RPM AT ALTITUDE)		FUEL GRADE	CYLINDERS		SUPCH TYPE IMP. DIA. BLOWER. RATIO	PROP TYPE CONTROL SHAFT NO. RED. GEAR. RATIO	SIZE (INCHES) LENGTH HEIGHT WIDTH DIA	WEIGHT (DRY) WITHOUT ACCES- ORIES
			TAKE OFF MILITARY	CONTINUOUS		NUMBER COOLING COMP. RATIO	BORE STROKE CU. DISPL				
R-1340-39 (R-1340-S5H1) Pratt-Whitney	P-29	Similar to -35 except: increased diameter, mounting of valve actuating cam, improved impeller drive, reinforced master and link rods, NAV9A carburetor.	None	550/2200/9000		9 AIR 6.3:1	5.750 5.750 1344	Geared — 13:1	Elec-Hyd 40 Direct		
R-1340-41 (R-1340-S3H1) Pratt-Whitney	A-17A Y1BT-10 L-11	Similar to -39 except: supercharger gear ratio, raming air intake, and dynamic damper.	600/2250 None	550/2200/SL 550/2200/5000	92	9 AIR 6:1	" " "	Geared — 10:1	" " "	44.78 — 51.50	842
R-1340-43 (R-1340-T5H1) Pratt-Whitney	XC-35 XUC-43	Similar to -39 except: supercharger gear ratio and special carburetor.	550/2200 None	550/2200/SL	"	" " "	" " "	Geared 6.375 8:1	" " "	42.25 — 51.50	864
R-1340-45	A-17							Geared	Elec-Hyd	47.04	