

AVCO CORPORATION, LYCOMING DIVISION

MODELS: Avco Lycoming O-350, 0-350-A

T.C. NUMBER: T.C. 227

Model	Lycoming O-350, -A
Type	6HOA
Rating:	
Maximum continuous, hp, rpm, S.L.	
press. alt.	150-2500-S.L.
Take-off, hp, rpm, at full throttle	150-2500
Fuel (minimum octane aviation gasoline)	73
Bore and stroke, in.	4.375 to 3.875
Displacement, cu. in.	350
Compression ratio	6.25: 1
Weight (dry), lbs.	341, 347
Propeller shaft, SAE No.	20
Carburetion	Marvel MA-3 carburetor with 1-5/8 in. venturi
Ignition, dual	Scintilla SF6L-8, or Edison-Splitdorf Type RMA with impulse coupling
Ignition timing, deg. BTC	25
Oil sump capacity, quarts	12
Certification basis	Type Certificate No. 227 (Expired 5/11/45)

NOTE 1. Maximum permissible cylinder head, barrel and oil inlet temperatures, 545 degrees F., 310 degrees F., and 230 degrees F., respectively.

NOTE 2. Model O-350-A, essentially similar to model O-350, incorporates a modified accessories case which includes generator and starter drives.

NOTE 3. The following accessories are eligible for use on the specified engine models at the indicated additional weights:

Optional Accessories	Weight (lbs.) (Drives included except where noted)	Engine Models O-350 O-350-A
Generator:		
Eclipse Type 307, Model 8	16	Yes
Delco-Remy Model 1106704 (not including drive weight)	10	Yes
Starter:		
Eclipse Type 397, Model 54	18	Yes
Delco-Remy starter Model 1109652 (not including drive weight)	16	Yes
Fuel Pump:		
Pesco Model 227-C	2	Yes
A-C Model GP-8897, Type AH	3	Yes
Vacuum Pump:		
Pesco Type B-2A, Model 194	4	Yes Yes
Radio Shielding	3	Yes Yes