
XX - Model 310Q (Normal Category), Approved August 20, 1969

SEE (DATA PERTINENT TO ALL MODELS) AND (NOTES SECTION)

Engines:

2 Continental IO-470-VO

***Fuel:**

Grade 100 or 100LL aviation gasoline

***Engine Limits:**

For all operations, 2625 r.p.m. (260 hp.)

XX - Model 310Q (Cont.)

Propeller and Propeller Limits:

1. 2 McCauley full-feathering 2-bladed propeller installations
 - (a) McCauley hubs D2AF34C71, blades 84JF-3
Diameter: not over 81 in., not under 78 in.
Pitch settings at 30 in. sta.:
low 12.8°, feathered 82.6°
 - (b) Hydraulic governor, Woodward 210444, 210446,
A210438, A210499; McCauley DCF290D1/T2,
DCFU290D1/T2, DCFS290D1/T2, DCFUS290D1/T2,
DCF290D2/T2, DCFU290D2/T2, DCFS290D2/T2,
DCFUS290D2/T2, DCFS290D7/T2, DCFUS290D7/T2
or DCFUS290D13/T2
 - (c) Propeller spinner, McCauley D3935 dome with D3923
bulkhead and 0855030-3 support
 - or 2. 2 McCauley full-feathering 3-bladed propeller installations
 - (a) McCauley hubs 3AF32C87, blades 82NC-4
Diameter: Not over 78 in., not under 74 in.
Pitch settings at 30 in. sta.:
low 12.5°, feathered 81.3°

or McCauley hubs 3AF32C504, with 82NEA-5.5 blades
Diameter: not over 76.5 in., not under 74 in.
Pitch settings at 30 in. sta.:
low 13.0°, feathered 81.7°
 - (b) Hydraulic governor, Woodward 210444, 210446,
A210438 or A210499; McCauley DCF290D1/T2,
DCFU290D1/T2, DCFS290D1/T2, DCFUS290D1/T2,
DCF290D2/T2, DCFU290D2/T2, DCFS290D2/T2,
DCFUS290D2/T2, DCFS290D7/T2, DCFUS290D7/T2
or DCFUS290D13/T2
 - (c) Propeller spinner, McCauley D3651 dome and D3925
bulkhead with 3AF32C87 hub or McCauley D7185
spinner assembly with 3AF32C504 hub
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XX - Model 310Q (Cont.)

***Airspeed Limits: (CAS)**

S/N 310Q0001 through 310Q0845

Maneuvering	170 m.p.h. (148 knots)
Maximum structural cruising	210 m.p.h. (183 knots)
Never exceed	257 m.p.h. (224 knots)
Flaps extended 15°	180 m.p.h. (157 knots)
Flaps extended 35°	160 m.p.h. (139 knots)
Landing gear extended	160 m.p.h. (139 knots)

S/N 310Q0901 through 310Q1160

Maneuvering	148 knots (170 m.p.h.)
Maximum structural cruise	183 knots (210 m.p.h.)
Never exceed	224 knots (257 m.p.h.)
Flaps extended 15°	160 knots (184 m.p.h.)
Flaps extended 35°	140 knots (161 m.p.h.)
Landing gear extended	140 knots (161 m.p.h.)

XX - Model 310Q (Cont.)

***C.G. Range: (Landing Gear Extended)**

NEXT MODEL >>>