



Maximum weight	10,200 lb.
No. of seats	1 (+83.5)
Maximum baggage	None
Fuel capacity	185 gal. - Main Fuselage 150 gal. - Droppable Type Fuselage 100 gal. - Droppable Type Wing (See NOTE 4 for restrictions on auxiliary fuel tanks)
Oil capacity	17 gal.
Other operating limitations	Buaer Pilot's Handbook A-01-85FD-1
Control surface movements	Wing flaps                      Down 40° Aileron tab      Up 5°      Down 5° Aileron            Up 23°      Down 21° Elevator tab      Up 8°      Down 20° Elevator            Up 23°      Down 13 1/2° Rudder tab      Right 17°      Left 17° Rudder            Right 31°      Left 24°
Serial Nos. eligible	121523 through 122708
Certification basis	CAR 8 as amended to October 11, 1950. Type Certificate No. AR-32 issued November 2, 1959 for the special purpose of aerial photography. Date of application for Type Certificate October 20, 1958.
Production basis	None. No aircraft may be produced under this approval.
Equipment	The basic required equipment as prescribed in the applicable airworthiness regulations (see Certification Basis) must be installed in the aircraft for certification. In addition, equipment necessary for the special purpose of aerial photography must be installed.

NOTE 1. Current weight and balance report including list of equipment included in certificated empty weight, and loading instructions when necessary, must be in each aircraft at the time of original certification and at all times thereafter.

NOTE 2. The following placards and/or markings must be prominently displayed in the cockpits in full view of the pilot:

- (a) "This airplane approved in restricted category for aerial photography only."
- (b) "This airplane must be operated within the limitations set forth in BUAER PILOTS HANDBOOK AN 01-85FD-1 except for limitations specifically called out in F.A.A. Type Certificate Data Sheet AR-32, in which case values in Data Sheet must be observed."
- (c) "Do not exceed 288 m.p.h. (250 knots) IAS with oil cooler shutter open."
- (d) "Do not extend or retract landing gear at speeds in excess of 160 m.p. (140 knots) IAS."
- (e) "Avoid prolonged operation below 25 in.Hg. in normal mixture. Operation below 25 in.Hg. is normal exceeding approximately two minutes may cause the engine to cut-out."
- (f) "When cranking the AEC lever must not be advanced more than 1/3 of its travel. Otherwise the resulting large surge of uncontrollable power can create a hazard."

NOTE 3. Prior to civil certification the following must be accomplished:

- (a) Provide oxygen for pilot if airplane is to be operated above 10,000 ft.
- (b) Ascertain compliance with Department of Navy service changes 56, 60, 62, 81, 90, 110, and 135.

NOTE 4. Use of droppable type fuel tanks is permitted provided they are permanently fixed to the aircraft and not capable of being dropped in flight.

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