



Control surface movements	Wing flaps inboard	Down	21°		
	outboard	Down	33-1/2°		
	Aileron	Up	16°	Down	13°
	Aileron tab	Up	15°	Down	8°
	Elevator	Up	28°	Down	5°
	Elevator trim tab	Up	15°		
	Elevator spring tab	Up	14°		
	Elevator gear tab	Up	3°	Down	17°
	Rudder	Right	43°	Left	43°
	Rudder trim tab	Right	20°	Left	20°
	Serial Nos. eligible	USN Serial Numbers 124158 and 124167 only.			
Certification basis	CAR 8 as amended to October 11, 1950. Type Certificate No. AR-34 issued June 22, 1960, for the special purpose of fire fighting. Date of Application for Type Certificate December 28, 1959.				
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 particular special purpose of fire fighting 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 except in the case of operators having an approved weight control system.*

*NOTE 2. Prior to civil certification, the aircraft must be modified in accordance with Conroy Report 100-03.*

*NOTE 3. Model AJ-1 is also eligible with the following engine-propeller installation:*

Engines	2 Pratt and Whitney Military R-2800-44 modified to incorporate R-2800-48 nose sections. Reduction gearing 0.45:1				
Fuel	115/145 Minimum grade aviation gasoline				
Engine limits				MP	
		<u>HP</u>	<u>RPM</u>	<u>In.Hg.</u>	<u>Alt.</u>
	Maximum continuous	1800	2600	47.5	S.L.
	Takeoff (5 minutes)	2300	2800	61.0	S.L.
Propellers	2 Hamilton Standard 24E60-303 hubs with 6855-6 blades Diameter 13'6" Pitch setting at 42" Station: High 90°, low 27°				

*With this engine-propeller combination, model AJ-1 is not eligible for a waiver for operation over congested areas in accordance with CAR 8.31 because of uncertificated powerplant components.*

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