FEDERAL AVIATION ADMINISTRATION

A6NW
Revision 1
FAIRCHILD
C-119F/R4Q2

July 14, 1981

TYPE CERTIFICATE DATA SHEET NO. A6NW

This data sheet which is a part of Type Certificate No. A6NW prescribes the conditions and limitations under which the Type Certificate was issued meets the airworthiness requirements of the Federal Aviation Regulations.

Type Certificate Holder	Pacific International Foods, Inc. 18306 59th N.E. Arlington, Washington 98223

I - MODEL (FAIRCHILD) C-119F/R4Q2 (RESTRICTED CATEGORY) APPROVED April 24, 1981

Engine	2 Wright R-3350-89, 89A, 89B/95W, 36W, 36WA
Fuel	100/130 Minimum Grade Aviation Gasoline
Engine limits	2900 rpm (3420 hp) Takeoff, wet, low blower 2900 rpm (2600 hp) Maximum, dry, low blower 2600 rpm (2555 hp) Meto, low blower 2600 rpm (1710 hp) 10,000 ft. Alt., Meto, high blower 2300 rpm (1520 hp) 10,000 ft. Alt., Cruise, high blower 2100 rpm (1430 hp) 10,000 ft. Alt., Cruise, high blower See NATOPS Flight Manual NAVAIR 01-115CCB-1
Propeller	Hamilton Standard P/N 24260-615 (hub); C-2J17AA-3-26R (blades)
Airspeed limits	Vne - Never exceed (217 knots) Vc - Structural Cruising (176 knots) Va - Maneuver (162 knots) Flaps or gear extended (140 knots)
C.G. range	Aft of datum +318.3" to +335.2" at all Wts.
Datum	Fus. Station 0 (103.8" forward of jig point fitting on front jack pad)
Max. gross wt.	71,500 lbs.
Max. landing weight	69,970 lbs.
Max. zero fuel weight	60,500 lbs. (Outer wing tanks to be full before fuel is added to inner wing tanks).
Leveling means	Eye bolt at cabin ceiling station 310 for plumb bob suspension to cross lined plates under cargo floor between stations 310 and 333.
Number of seats	Limited to the flight crew and number of persons essential to perform the intended function of this operation.
Fuel capacity	1454 total - 2 outboard fuel tanks 453 gal. ea. (+354.5) 2 inboard fuel tanks 274 gal. ea. (+354.5)
Oil capacity	120 gal. total - 2 nacelle tanks 60 gal. ea. (+338.4)
Cargo capacity	See T.O. 1C-119F-1 Section V

Control surface movements *(See Sec. VIII T.O. 1C-119G-2-1, Page 8-4)*	Aileron	Up	24" ± 1"	Down	12" ± 1"
	Flettner Tab	Up	17" ± 4"	Down	30" ± 6" -2"
	Trim Tab	Up	15" ± 1 1/2"	Down	12" ± 1 1/2"
	Elevator	Up	24 1/2" ±1 1/2"	Down	20 1/2 1/4" ±1 1/2 1/4"
	Spring Tab	Up	17" ± 0" - 5"	Down	24" + 2" - 0"
	Trim Tab	Up	12" ± 2"	Down	22" + 2"
	Rudder	Right	25" + 2" -0"	Left	20" + 2" - 0"
	Spring Tab	Right	5" + 1"	Left	5" + 1"
	Trim Tab	Right	10 1/2" ± 1"	Left	10 1/2" ± 1"
	Wing Flaps		Take-off	Down	15"
			Landing	Down	40"

	Military Serial Numbers	Manufacturers Serial Numbers
Serial Numbers		10880

Certification basis

FAR 21.25(a)(2) dated May 1974 Amendment 21-1 thru 21-53.
Restricted Category
Type Certificate issued on April 24, 1981
Date of Application: December 30, 1980.
Airplane certified for the special purpose of carriage of cargo.

Production basis

None - prior to original certification of each aircraft, an FAA representative must perform an inspection for workmanship, materials, and conformity with the approved technical data.

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, an FAA approved Pacific International Foods, Inc. Airplane Flight Manual Supplement is required in addition to the operating limitations specified in Sec. I, Part 4 of NAVAIR 01-115CCB-1.

NOTE 1. Current weight and balance report and loading instructions must agree with Sec. I, Part 4 of NAVAIR 01-115CCB-1.

NOTE 2. This approval applies to:

A. Basic military C-119F, R4Q2 with no other modification except loading assist device installation per Pacific International Foods, Inc., Drawing P.I.F. 100.

(1) Operation over densely populated areas is prohibited.
(2) In addition to the operating limitations in this data sheet, area, economic, passenger and other appropriate operating limitations in accordance with FAR 21.25 shall be shown on placards or listing accessible to the pilot.
(3) The following placard must be displayed in front of and in clear view of the pilot:
  (1) "This airplane must be operated as a restricted category airplane in compliance with the operating limitations stated in the form of placards, markings, and manuals."
(4) Red radial line required on airspeed indicator at (217 knots).
(5) The following placard must be displayed adjacent to the APU operating switch:

"APU operation prohibited in flight"

(6) Carriage of hazardous materials is prohibited unless compliance is shown with the applicable regulations in the Code of Federal Regulation 49, Part 175.

NOTE 3. The aircraft must be serviced and maintained in accordance with USAF T.O. 1C-119G-2-1.

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