



Type Certificate Data Sheet

Number: A-17
 Issue No.: 4
 Approval Date: Refer Below
 Issue Date: October 30, 2002

This Data Sheet which is part of Type Certificate No. A-17 prescribes the conditions and limitations under which the product(s) for which the Type Certificate was granted meet(s) the standards of airworthiness required by the Canadian Aviation Regulations.

Type Approval Holder:

Dara Wilder
 Vardax Resource Supply Inc.
 25800 Robertson Cr.,
 Aldergrove, B.C. V4W 1W5

Models

F11 (Husky)
 F11-2

1. Model F11 (Husky) Normal Category Approved June 23, 1952

Engine: P & W SB3.
 Fuel: 80/87 minimum octane aviation gasoline.

Engine Limits:	<u>Alt.</u>	<u>H.P.</u>	<u>RPM</u>	<u>IN.HG.</u>
Max. except T.O.	5000	400	2200	33.5
Max. except T.O.	S.L.	400	2200	34.5
Take-off (5 minutes)		450	2300	36.5

C.G. Range: Landplane, Skiplane and Seaplane
 114.5 inches to 131.5 inches aft of datum.

Datum: Propeller hub centre line.

Maximum Weights: Landplane - 6500 lbs.
 Skiplane - 6500 lbs.
 Seaplane - 6800 lbs.



Type Certificate Data Sheet

(Continuation Sheet)

Number: A-17 Issue 4

Number of Seats: (including crew) Maximum thirteen.

Fuel Capacity: 90 Imp. Gallons (normal) or 135 Imp. Gallons (optional).

Oil Capacity: 6 Imp. gallons.

Serial Numbers Eligible S/N 1 to 12 inclusive

Approval Basis: CAR 04 (1946).

Equipment:

1. Hamilton Standard Constant Speed (2 blades) to Drawing No. 6101A-12.
2. (a) Ski Installation, Fairchild Drawing F1133-530
Main Ski, Elliott Bros. E-15
Main Pedestal, M & C P4D.

(b) Ski Installation, Fairchild Drawing F1133-630
Main Ski Assembly, Fairchild Drawing F1133-525
Main Ski Pedestal, Fairchild Drawing F1133-590
3. Float Installation, Fairchild Drawing F1132-501/2 with Edo 62-6560 floats.

2. Model F11-2 Normal Category (Seaplane only) Approved October 15, 1958

This is the model F11 converted to the Alvis Leonides 503/8 engine in accordance with the following Husky Aircraft Limited engineering data:

Engine mount - Drawing No. HF 632-002
Powerplant Installation - Report HF-04, except that the alternate carburettor air intake and modified engine cowl are in accordance with the Leonides Husky F11-2 Type Test Report dated September 12, 1958.

Engine: Alvis Leonides 503/8

Fuel: Min. grade 100/130
Max. lead content: 5.5 m.l.s. Tel/Imp. Gallons



Type Certificate Data Sheet

(Continuation Sheet)

Number: A-17 Issue 4

NOTE 1:

(Applies to Model F11-2 only).

The following cockpit placards shall be installed:

(a) Airspeed limits

Max. speed, gliding or diving: 161 m.p.h. I.A.S.

Max. speed, flaps extended: 111 m.p.h. I.A.S.

(b) Engine Limits

	<u>RPM</u>	<u>IN.HG.</u>	<u>Cylinder Read Temp °C</u>	<u>Oil Temp °C</u>
Max. for take-off (1 min.)	3000	46.2	230	85
Max. continuous	2900	39.0	230	85
Max. with weak mixture	2600	29.9	210	85
Max. overspeed (20 sec.)	3150	46.2		
Min. for opening up (cold)				20

(c) Propeller limits

In flight, continuous engine operation is prohibited:

(a) between 2450 and 2750 r.p.m.

(b) below 2000 r.p.m.

On the ground or while taxiing, continuous engine operation is prohibited:

(a) between 2450 and 2750 r.p.m.

(d) A flap setting of not more than 30 is recommended when landing with C.G. approaching forward limit in order to maintain a good nose up attitude.

Martin J. Eley
Director, Aircraft Certification
for Ministry of Transport