

**DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION**

P1BO REVISION 7  HAMILTON SUNDSTRAND MODEL/S: 247F-1 247F-1E 247F-3  January 31, 2007
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**TYPE CERTIFICATE DATA SHEET P1BO**

Propellers of models described herein conforming with this data sheet (which is part of Type Certificate No. P1BO) and other approved data on file with the Federal Aviation Administration, meet the minimum standards for use in certificated aircraft in accordance with pertinent aircraft data sheets and applicable portions of the Federal Aviation Regulations provided they are installed, operated, and maintained as prescribed by the approved manufacturer's and other approved instructions.

Type Certificate Holder: Hamilton Sundstrand Corporation  
 One Hamilton Road  
 Windsor Locks, CT 06096-1010

Type: Constant speed; hydraulic (See Notes 3 and 4)

Engine Flange: 6.750" Bolt Circle

Hub Material: Steel

Blade Material: Kevlar Shell/Graphite spar

Number of Blades: Four

Design Series: 247F

BLADE	MAX CONTINUOUS		<TAKE OFF>		<NOM. DIAMETER>	APPROX. WT/LB
	SHP	RPM	SHP	RPM		
R810640-1, -2 or -3	2500	1200	2750	1200	13' - 0"	336.8
R817370-1	2500	1200	2750	1200	13' - 0"	345
R817370R1	2500	1200	2750	1200	13' - 0"	345

Certification Basis: FAR 35 through Amendment 7 dated December 28, 1995, and Special Conditions SC-92-02-NE (Docket No. 92-ANE-46), dated January 8, 1993. For the 247F-1E, additional Special Condition SC-95-01-NE (Docket No. 94-ANE-50) dated November 28, 1995.

TC Application Date: Model:       247F-1               247F-1E               247F-3  
   5/24/91               3/8/93               9/12/94

TC Issued:                                       10/23/92               11/23/94               10/12/94

Production Basis:                           Production Certificate No. 14

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