

ENGINE AND PROPELLER DIRECTORATE FEDERAL AVIATION ADMINISTRATION U.S. DEPARTMENT OF TRANSPORTATION TYPE CERTIFICATE DATA SHEET P13NE	TCDS NUMBER P13NE HAMILTON STANDARD REVISION NUMBER: 4 REVISION DATE: AUGUST 12, 1996 MODEL/S: 6/5500/F-1 6/5500/F-2
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Propellers of models described herein conforming with this data sheet (which is part of Type Certificate Number P13NE) 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 manuals and other approved instructions.

TYPE CERTIFICATE (TC) HOLDER Hamilton Standard Division
United Technologies Corporation
1 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: Fiberglass covered aluminum spar.

NUMBER OF BLADES Six

DESIGN SERIES 6/5500/F-1 (RIGHT-HAND), 6/5500/F-2 (LEFT-HAND)

BLADE MODELS RIGHT / LEFT	MAXIMUM CONTINUOUS		<TAKE OFF>		<NOMINAL DIAMETER>	APPROXIMATE WEIGHT / LB.
	SHP	RPM	SHP	RPM		
UFB14B1-3A / UFB14B2-3A	2380	1200	2670	1200	13'-9"	413.0
UFB14C1-3A / UFB14C2-3A	2380	1200	2670	1200	13'-9"	413.0
UFB14E1-3A / UFB14E2-3A	2380	1200	2670	1200	13'-9"	413.0
UFB14G1-3A / UFB14G2-3A	2380	1200	2670	1200	13'-9"	413.0

CERTIFICATION BASIS: FAR 35 Amendment 5 dated September 11, 1980.

TC APPLICATION DATE:: 04/26/84

TC ISSUED: 02/24/87

PRODUCTION BASIS: Production Certificate No. 14

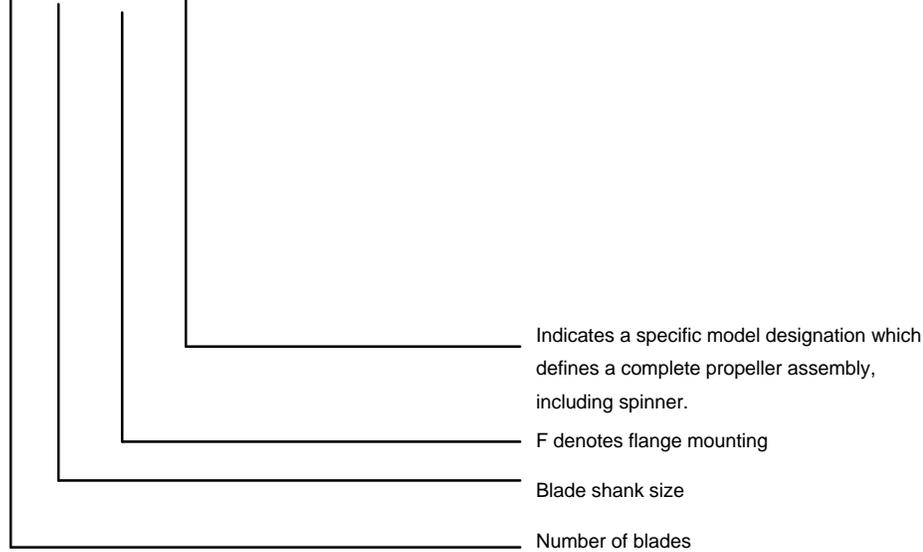
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NOTES

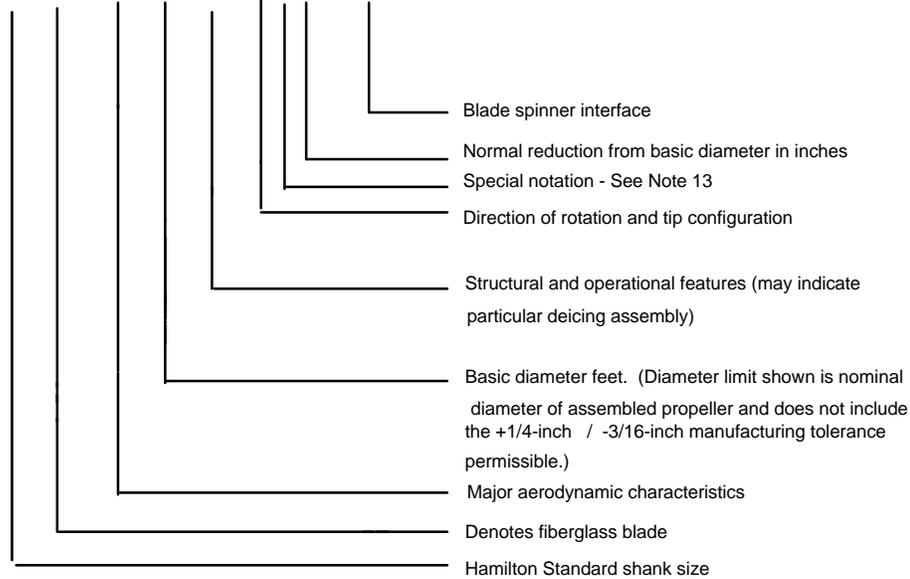
NOTE 1: HUB MODEL DESIGNATION:

6 / 5500 / F - 1



NOTE 2. BLADE MODEL DESIGNATION

U F B 14 B 1 - 3 A



NOTE 3: PITCH CONTROL: Propeller control is specified on the approved model parts list.

NOTE 4: (a) FEATHERING: Full feathering with the approved propeller control is specified on approved model parts list.

(b) REVERSING: Full reversing with the approved propeller control is specified on approved model parts list.

NOTE 5: LEFT-HAND MODELS: The left-hand version of an approved propeller model is eligible at the same rating and diameter limitations as listed for the right-hand model.

NOTE 6:	INTERCHANGEABLE BLADES:	Not applicable.
NOTE 7:	ACCESSORIES:	(a) Propeller deicing: The electrical deicing system is specified on approved model parts list and installed in accordance with the propeller manufacturer's instructions. (b) Spinners: The spinner is specified on approved model parts list.
NOTE 8:	SHANK FAIRINGS:	Not applicable.
NOTE 9:	SPECIAL LIMITS:	Airworthiness limitations are specified in System Maintenance Manual P5190.
NOTE 10:	LIFE-LIMITED PARTS:	See Note 9.
NOTE 11:	BLADES:	The UFB14B1-3A, UFB14C1-3A, UFB14E1-3A, and UFB14G1-3A blades are approved for use with the model 6/5500/F-1 propeller in sets of six. The left hand versions of these blades are approved for use with the model 6/5500/F-2 propeller in sets of six.
NOTE 12:	SPECIAL NOTES:	Aircraft installations must be approved as part of the aircraft type certification and demonstrate compliance with the applicable airworthiness requirements.
NOTE 13:	SPECIAL NOTATION:	This position of the blade model designation normally consists of a hyphen. This hyphen is replaced by a letter to designate a special characteristic. The meaning of these letters is identified below. "P" is used to identify a blade that "as produced or manufactured" met specific requirements. "R" is used to identify a blade that has been reworked to meet specific requirements.

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