

NOTE 2.

Blade Model Designation

FH	106	200
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Assembly

Basic model designation and design series

NOTE 3.

Pitch Control. Eligible with Ratier-Figeac Controller Unit FH. 92-1 supplying oil pressure to the propeller pressure chamber through transfer oil lines, and thus controlling all pitch positions, including the ground fine (low pitch) position.

NOTE 4.

Feathering (81°)

(a) Feathering is accomplished with Ratier-Figeac electrical motor driven feathering pump type FH. 77 either by pilot action on a "feather" switch button, or automatically when takeoff RPM is selected on multi-engined aircraft.

In either case, operation of the feathering pump causes the electrical cock to cut off and the turbine is shut off.

(b) Ground Fine (Low Pitch) Position (minus 1°48')

This is accomplished by energizing the flight low pitch stop withdrawal solenoid in the Controller Unit, thus directing high pressure oil to a pressure reducing valve which cancels the function of the fine pitch safety valve to allow an oil passage to the third oil line in order to withdraw the flight low pitch stop in the propeller. At the same time, an appropriate contact is established to illuminate a warning light or actuate an equivalent negative pitch indicator in the cockpit.

NOTE 5.

Not applicable.

NOTE 6.

Interchangeable Blades

Only blades that can be fitted without requiring re-balance or any other testing are eligible as interchangeable blades, provided they are installed as a set of 3 to the propeller.

NOTE 7.

Accessories

(a) Propeller Deicing

Eligible with only Ratier-Figeac electrical deicing provisions.

(b) Spinners

Eligible with only Ratier-Figeac spinner.

(c) Relay Box

Eligible only with Ratier-Forest electric Relay Box Model FH 141-C.

NOTE 8.

Not applicable.

NOTE 9.

Approved installations.

FH. 146 propellers listed in this data sheet are approved vibrationwise only for use in the engine-aircraft combinations shown below:

<u>Propeller Model</u>	<u>Aircraft Model</u>	<u>Turbomeca Engine Model</u>	<u>TC Data Sheet</u>	
			<u>Aircraft</u>	<u>Engine</u>
FH.146	Nord 262A-12	Bastan VI C1	A6EU	E4EU

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