

U.S. DEPARTMENT OF TRANSPORTATION  FEDERAL AVIATION ADMINISTRATION  TYPE CERTIFICATE DATA SHEET P-903	P-903 REVISION: 6  de HAVILLAND MODEL/S: PD-/466/-  March 12, 2007
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Propellers of models described herein conforming with this data sheet (which is a part of type certificate No. P-903) and other approved data on file with the Federal Aviation Agency, meet the minimum standards for use in certificated aircraft in accordance with pertinent aircraft data sheets and applicable portions of the Civil Air Regulations provided they are installed, operated and maintained as prescribed by the approved manufacturer's manuals and other approved instructions.

Type Certificate Holder                    Hawker Siddeley Dynamics Limited  
    Manor Road  
    Hatfield, Hertfordshire, England

Type    Constant speed; hydraulic. (See NOTES 3 and 4)  
 Engine Shaft                                 No. 6. S.B.A.C.  
 Hub Material                                 Steel  
 Blade Material                               Solid aluminum alloy  
 Number of blades                            4  
 Propeller Types Eligible                   PD208, PD216, PD223 (See NOTE 1)

Blade Assemblies Eligible (See NOTES 1 & 2)	Maximum Continuous		Takeoff		Nominal Diameter	Hub and Blade Weight
	HP	RPM	HP	RPM		
XPR5662950SA-124 or PPR6262950SA-130	2670	1095	3230	1140	13'6"	707 lb.
PPR5863150A-127 or PPR6063150A-128	3420	920	3840	1000	16'0"	813 lb.
PPR6163550SA-131	4270	902	4850	976	14'6"	911 lb.

Certification basis                         CAR 10. Type Certificate No. P-903.

The FAA validated this product under U.S. Type Certificate Number P-903. Effective September 28, 2003, the European Aviation Safety Agency (EASA) began oversight of this product on behalf of the United Kingdom of Great Britain and Northern Ireland.

TC (Import) No:                                None

TC Application Date:                         September 12, 1956

TC Issued :                                        April 17, 1958

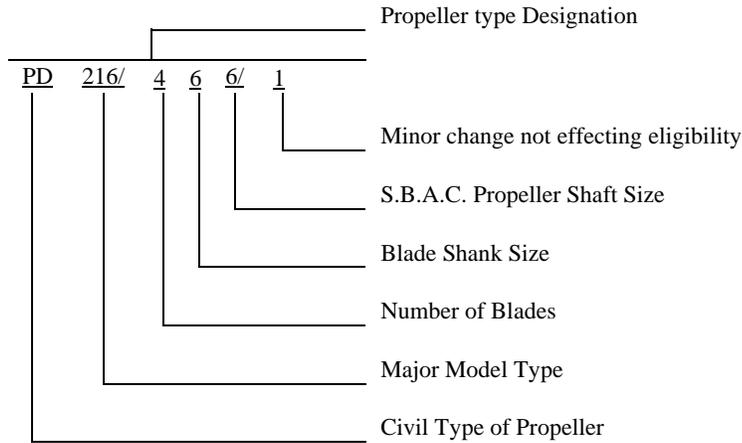
Import requirements:                        To be considered eligible for installation on U.S. registered aircraft, each propeller to be exported to the United States shall be accompanied by a Certificate of Airworthiness for export endorsed by the UKCAA on behalf of the European Community which contains the following language:

- (1) This propeller conforms to its United States type design (TC No. P-903) and is in a condition for safe operation.
- (2) This propeller has been subjected by the manufacturer to a final operational check and is in a proper state of airworthiness. Reference FAR Section 21.500 which provides

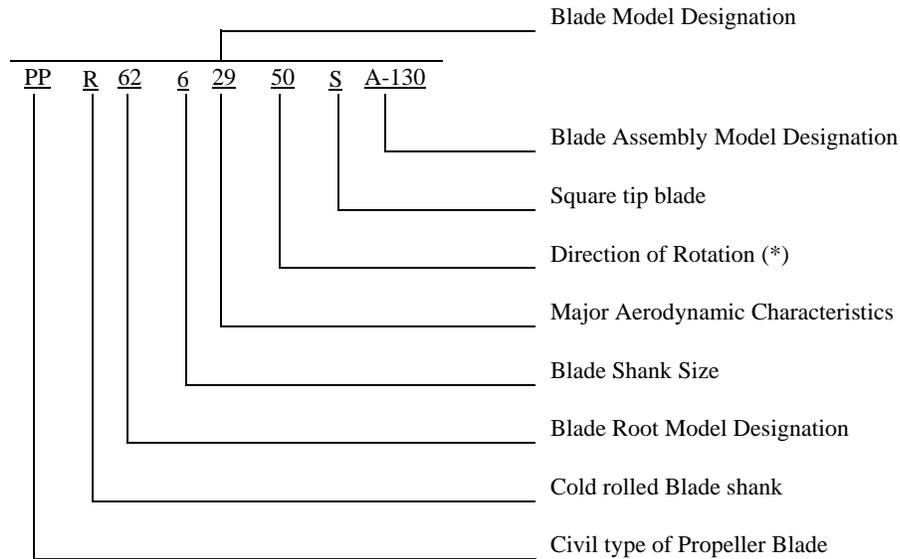
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for the airworthiness acceptance of aircraft engines or propellers manufactured outside the U.S. for which a U.S. type certificate has been issued. Additional guidance is contained in FAA Advisory Circular 21-23, Airworthiness Certification of Civil Aircraft, Engines, Propellers and Related Products, Imported into the United States. Each individually imported propeller and replacement parts must be accompanied by the pertinent Inspection Certificate and Approved Certificate and be clearly identified as imported.

NOTE 1. Propeller Type Designation.



NOTE 2. Blade Assembly Designation.



\*Numbers 00 indicate a right hand rotation.  
 Numbers 50 indicate a left hand rotation.

NOTE 3. Pitch Control. Eligible with de Havilland constant speed unit governor only.

- NOTE 4. (a) Feathering. Eligible with full feathering control installed in accordance with the propeller manufacturer's instructions.  
 (b) Reversing. Design series PD208 and PD223 only eligible with reversing controls installed in accordance with the manufacturer's instructions.

NOTE 5. Not applicable.

NOTE 6. Interchangeable Blades. None.

NOTE 7. Accessories.

- (1) Propeller Deicing. Eligible only with de Havilland electrical deicing equipment installed in accordance with the manufacturer's instructions. Weight per propeller 49 lb. for propeller Type PD216, 44-1/2 lb. for propeller Type PD208, 47 lb. for propeller type PD223.
- (2) Propeller Spinner. Eligible with spinner supplied by de Havilland, Weight 35-1/2 lb. for propeller Type PD216, 33-1/2 lb., for propeller Type PD208, 21-1/2 lb. for propeller Type PD223.

NOTE 8. Not applicable.

NOTE 9. Approved Installations. Propellers listed in this data sheet are approved only for use in the engine-aircraft combinations shown below:

<u>Propeller Model</u>	<u>Aircraft Model</u>	<u>Engine Model</u>	<u>FAA Data Sheet</u>	
			<u>Aircraft</u>	<u>Engine</u>
PD216/466/1 & 3	Napier Eland Convair Mk. 1	Eland 504	STC SA4-582	E-305
PD216/466/1 & 3	Napier Eland Convair Mk. 2	Eland 504	STC SA4-689	E-305
*PD208/466/2	Britannia 305	Proteus 756	7A2	E-296

\*This approval is conditioned upon the following r.p.m. limitations being observed:

Ground running: Continuous operation prohibited between 360 and 560 propeller r.p.m.

NOTE 10. Service Information. Each of the documents listed below must state that it is approved by the European Aviation Safety Agency (EASA) or – for approvals made before September 28, 2003 – by the UKCAA. Any such documents are accepted by the FAA and are considered FAA approved.

- Service bulletins,
- Structural repair manuals,
- Vendor manuals,
- Aircraft flight manuals, and
- Overhaul and maintenance manuals.

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