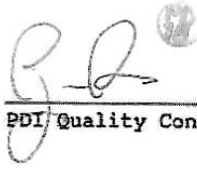


1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 83190	
4. Organization Name and Address: PneuDrdraulics, Inc., 8575 Helms Avenue Rancho Cucamonga, CA 91730 (REPAIR STN # PD6R469J) (REF: EASA.145.4753)				5. Work Order/Contract/Invoice Number: 123922*001	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
001	VALVE, HYD - RELIEF	2525-2 (9912052-6)	1	1423	OVERHAULED
12. Remarks: Ref: RPO# RPO110099 SO# 123922 RMA# 100129 This repair/modification/overhaul/inspection was performed with personnel who were part of a current drug and alcohol testing program as required by 14CFR120. See attached teardown report for work performed. This form certifies that the work specified in block 11 and 12 was carried out in accordance with Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.4753. Work performed in accordance with CMM 29-10-21 Rev. N/C dated 6/9/2009 as technical data.					
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: PD6R469J	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): 14e. Date (dd/mm/yyyy): Ryart-Dorris 13 Sep 2024	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

EXPORT CONTROLLED CONTROL LIST:9A991 COUNTRY:US

PREPARED BY W. Jefferson		<i>Pneudraulics, Inc</i> 8575 HELMS RANCHO CUCAMONGA, CA 91730-4591		PAGE 6 6 OF	
DATE 03-31-81		ACCEPTANCE TEST PROCEDURE		REV. C	DATE 08-26-04
ATP Rev: C					
TEST DATA SHEET PNEUDRAULICS, INC MODEL 2525-2 SN 1423					
REF. PARA	TEST TITLE	TOLERANCE		TEST DATA	
2.0	Examination of Product	Conforms to Dwg 2525-2, Rev E		(Yes) ☒	
4.1	Proof Pressure 225 psi for two minutes	There shall be no evidence of external leakage, permanent deformation or subsequent malfunction		Pass	
4.1.1	Crack Pressure 1.0 cc/min	40 psig approximately		40	
4.1.2	Full Flow 1.0 gpm 2.0 gpm 3.0 gpm 4.0 gpm 5.0 gpm 6.0 gpm	60 psid maximum 60 psid maximum 60 psid maximum 60 psid maximum 60 psid maximum 60 psid maximum		ΔP 54 ΔP 56 ΔP 53 ΔP 51 ΔP 42 ΔP 33	
4.1.3	Reseat Pressure Leakage	30 psig minimum 1 drop/minute maximum		36 0	
Miranda, Danny (2640) 2640 9/11/2024 Responsible Technician Date  AUG 13 2024 PDI Quality Control Test Stand: 53					
		CAGE CODE 06177		ATP 2525-2	

EXPORT CONTROLLED CONTROL LIST:9A991 COUNTRY:US

PneuDraulics, Inc.

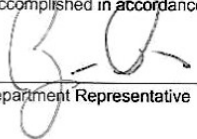
8575 HELMS AVENUE
RANCHO CUCAMONGA, CA 91730-4591
TEL (909)980-5366 FAX (909)945-2621

EXPORT CONTROLLED
CONTROL LIST:9A991
COUNTRY:US

Teardown and Failure Analysis Report

CESSNA SERVICE PARTS & PROGRAMS		1696	PNEUDRAULICS, INC.		
Customer PO: 3758370			Sales Order No.: 123922		
Customer PN Rec'd: 9912052-6		Shipped: 9912052-6	RPO No.: RPO110099		
Customer Rejection No.:			PDI PN Rec'd: 2525-2		
			Orig SN: 1423		
			Shipped SN(s): 1423		
Customer reason for return: CUSOTMER UNIT REQUIRED EVAL AND QUOTE FOR OVERHAUL					
PDI preliminary inspection findings: UNIT RECEIVED IN VERY GOOD CONDITION, ONLY A SMALL NICK ON THE HOUSING NEAR THE SPRING .					
Teardown findings and failure analysis (Root cause investigation): Packing needed to be replaced.					
Work performed and correction of defect(s): Unit disassembled, cleaned, inspected, noted components replaced, reassembled, retested acceptably to approved data, and is certified airworthy for return to service or return to service as applicable.					
Parts Replaced					
Part Number	Part Description	Qty	Part Number	Part Description	Qty
72173ME-01	NAMEPLATE BLANK (REF. 72173 BLUEPRI	1	NAS1611-006	PACKING	1
NAS1611-013	PACKING	1	NAS1611-012A	PACKING	1
NAS1611-112A	PACKING	1	71546	KEEPER	1
XRC315SS	RETAINING RING	1			

All work accomplished in accordance with the applicable technical and regulatory requirements.


Quality Department Representative

AUG 13 2024
Date