OMB No. 2120-0663

							p. 9/30	
	OF TRANSPORT		OPER. Control No.	10102022	Comments (Describe the malfunction or defect and the circumstances under which it occurred. State probable cause and recommendations to prevent recurrence.)	RICT	OPERATOR DESIGNATION	
FEDERAL AVIATION ADMINISTRATION MALFUNCTION OR DEFECT REPORT Enter pertinent data MANUFACTURER		ATA Code	ATA 032	occurred. State probable cause and recommendations to prevent recurrence.) the retaining ring PN MS 16625-1065 separated from the cylinder PN 1281010-1 allowing the ram and seals to separate from the assembly. This	DISTRICT	DPER/		
		1. A/C Reg. No.	N-2425S	allowed all the aircraft hydraulic fluid to exit from the open cylinder end	<u>«</u>	- 6	\top	
		MODEL/SERIES	SERIAL NUMBER	causing the main gea to fail to extend and a nose wheel down onlylanding.	OTHER			
2.	Cessna		T210L	21061276	the aircraft hrozontal stabilser were damaged in the landing. I beleive the probable cause was lossening of the retaining ring in its groove		-	
AIRCRAFT					in the cylinder over time and cycles whuch allowed it to seoarate from the	COMMUTER		
3.					assy.	COM		
POWERPLAN	***				It is not possible to inspect the retaining ring due to the position of the groove recessed into the cylinder, nor did this assy show any eveidence of	FAA		П
PROPELLER	.				leakage during rtraction testing.	ı,		Ι'
5. SPECIFIC PART (of component) CAUSING TROUBLE					This item currently does not have a specified overhaul time or cycle limit but	MFG.		
Part Name MFG. Model or Part No.		Serial No.	Part/Defect Location.	I would suggest a requireed overhaul of the actuators at 1500 hrs or 1000 landing whichever comes first.	Σ		_	
//S16625-1065 221010-1	Ring retaining Cylinder Main			Main gear door actuator assy		TAX		
door					AIR	_	L	
	MPONENT (Assembly					E.		`
Comp/Appl Name fairr gear door	Manufact Cessria	urer	Model or Part No. 1281-028-1	Serial Number	4	MĒ		,
ctuator Assy.					Optional Information:	OPER.	s:	1
Part TT	Part TSO		Part Condition	7. Date Sub.	Check a box below, if this report is related to an aircraft		SUBMITTED BY:	DE LEGICIONE NI MADE
891 lirs.	2891 lirs.	failed		1	Accident; Date 10-1-2022 Incident; Date	REP.STA.	E W	Î
						문	S	

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