



U.S. Department
of Transportation
**Federal Aviation
Administration**

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

**Service Difficulty Report
AERONAUTICAL EQUIPMENT**

FORM APPROVED
OMB No. 2120-0663 Exp. 9/30/2024

RIS- WS 8070-1	
Control No.	
ATA	Code

MAJOR EQUIPMENT IDENTITY

Enter pertinent data	MANUFACTURER	MODEL/SERIES	SERIAL NUMBER	N-
AIRCRAFT				
POWERPLANT				
PROPELLER				

PROBLEM DESCRIPTION

DATE	STATUS	CARRIER	ATA	AIRCRAFT TYPE	N-	CONTROL NO.
TEXT						
SPECIFIC PART CAUSING PROBLEM						
PART NAME	MFG. PART NUMBER	PART CONDITION	PART/DEFECT LOCATION			
COMPONENT/APPLIANCE ABOVE PART INSTALLED ON					Report whole hours	PART TT
COMP/APPL NAME	MANUFACTURER	MFG. MODEL/NUMBER	SERIAL NO.			

SUBMITTED BY

SUBMITTER (Check one)		A	B	C	D	E	F	G	H	I	P. S. L.	ALERT	OPER/D.O.
		CARRIER	REP STA.	OPER	MECH	AIR TAXI	MFG	FAA	OTHER	Spec.			
PREC. PROC.	NATURE	STAGE	STAT	ROLL	Frame	SYS.	SYS.						

ADDITIONAL COMMENTS

All Submitters - Instructions for Completing FAA Form 8070-1

Major Equipment Identity

TITLE	ENTRY
Aircraft Powerplant Propeller	Identify major equipment related to problem. Enter manufacturer, model, and serial number per FAA/MANUFACTURER type certificate data sheet. If amateur built, use plan or kit name. Use military model designators when appropriate. Avoid colloquial names and market titles.
N-	Aircraft Registration Number.

Problem Description

Date	Give date problem occurred (i.e., 7-1-84).
Text	Whenever possible, describe conditions subsequent to, or leading up to, the reported problem: (a) Identify the cause for malfunction and emergency measures execute. (b) Include compliance or noncompliance with Airworthiness Directives, Service Bulletins, STC's, and PMA's. (c) Provide any significant fact you feel may help to reduce or eliminate recurrence (i.e., cycles, landings, and suggested changes).
Part Name	Skin, rib, shaft, Venturi, transistor, capacitor, etc. Avoid colloquial names.
Mfg. Part Number	Alphanumeric part identifiers assigned by manufacturer.
Part Condition	Cracked, bent, burned, corroded, shorted, etc.
Part/Defect Location	L.H. alternator, audio, R.H. outboard, range switch, etc.
Part TT	Total service time on part in whole hours (i.e., 00531).
Part TSO	Service time on part since overhaul in whole hours (i.e., 00200)
Comp/Appl Name	Fuselage, wing, alternator, carburetor, VOR receiver, etc.
Manufacturer	Comp/appl manufacturer: Beech, Cessna, Prestolite, Bendix, Collins, etc.
Mfg. Model/Number, Serial Number	Alphanumeric model and serial numbers or identifiers assigned by comp/appl manufacturer (i.e., ALU8403, NAS3A1, 51 RVII). Do not repeat "MAJOR EQUIPMENT IDENTITY" in these locations.

Submitted By

Submitter	As noted on form.
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