U.S. Department of Transportation
Federal Aviation Administration

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

FORM APPROVED
OMB No. 2120-0008 03/31/2010

RIS: WS 8070-1	
Control No.	
ATA	CODE

Service Difficulty Report
AERONAUTICAL EQUIPMENT

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	PART TSO

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 executed. (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.

FAA District Offices - Refer to FAA Order 8010.2

PAPERWORK REDUCTION ACT STATEMENT: The information collected on this form is required. This form reports occurrences or detection of each failure, malfunction, or defect in an aircraft. We estimate that it will take 1 hour to complete the form. No assurance of confidentiality is promised. Please note that an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The OMB control number associated with this collection is 2120-0008. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave SW, Washington, DC 20591,
Attn: Information Collection Clearance Officer, ABA-20.

U.S. GOVERNMENT PRINTING OFFICE: 1984-461-823-21521