



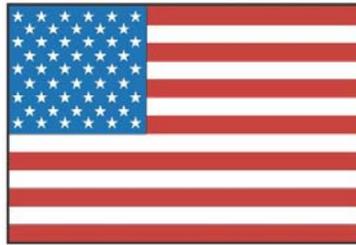
U.S. Department
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**Federal Aviation
Administration**

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AVIATION MAINTENANCE ALERTS



**ALERT
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**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
WASHINGTON, DC 20590**

AVIATION MAINTENANCE ALERTS

The Aviation Maintenance Alerts provide a common communication channel through which the aviation community can economically interchange service experience and thereby cooperate in the improvement of aeronautical product durability, reliability, and safety. This publication is prepared from information submitted by those who operate and maintain civil aeronautical products. The contents include items that have been reported as significant, but which have not been evaluated fully by the time the material went to press. As additional facts such as cause and corrective action are identified, the data will be published in subsequent issues of the Alerts. This procedure gives Alerts' readers prompt notice of conditions reported via Malfunction or Defect Reports. Your comments and suggestions for improvement are always welcome. Send to: FAA; ATTN: Aviation Data Systems Branch (AFS-620); P.O. Box 25082; Oklahoma City, OK 73125-5029.

AIRPLANES

BEECH

Beech; Model A36; Failure of the Heater Muffler Assembly; ATA 7820

The heater muffler assembly (P/N 701-21) failed the 500-hour pressure test performed in accordance with the Beech A36 maintenance manual. Upon disassembly, the technician found large bulges in the exterior of the main barrel of the muffler, which is located towards one end.

The submitter stated it was possible that overheating caused this failure. He recommended that persons inspecting Bonanza series aircraft adhere to the Beech recommended detailed inspection schedule in order to remove the failing unit before it causes carbon monoxide in the cabin or engine compartment fires.

Part total time: 598 hours.

Beech; Model 1900C; Electrical Short in Elevator Trim Control System; ATA 2730

During scheduled maintenance, the technician discovered the wing strobe lights were inoperative when the navigation light was turned on. He found an internal short in the aft pressure bulkhead connector (P/N 206552-1).

The elevator electric trim servo wiring, which runs through the same connector, was shorted and getting power from the strobe/nav light circuit breaker; therefore, the trim servo was always powered. Due to this problem, pulling the circuit breaker could not disable the electric elevator trim.

The submitter reported this problem was addressed in Beechcraft Mandatory Service Bulletin 2511. He stated the requirements of the bulletin were accomplished in 1995 on this aircraft.

A search of the FAA Service Difficulty Reporting Program data base revealed one additional report on the same subject matter.

Part total time: 19,581 hours.

CESSNA

Cessna; Model 172S; Improperly Routed Heating Duct; ATA 2120

During a routine inspection, the technician discovered the plastic glovebox (P/N 0513552-15) was melted at the forward end on the right side.

The technician also found that the heater ducting was routed against the glovebox. He rerouted the heat duct to prevent future occurrences.

The submitter stated finding the same problem on a like aircraft.

Part total time: 1,346 hours.

Cessna; Model 208; Caravan I; Nose Landing Gear Strut Failure; ATA 3222

The aircraft was having recurring shimmy problems, which led to the strut being disassembled for inspection.

During the inspection, the technician discovered the lower plug was separated from the metering pin assembly (P/N 2643018-1). This caused the strut to lose the dampening effect. (Refer to the illustration.)

Part total time: 11,642 hours.



DIAMOND

Diamond; Model DA20-C1; Stall Warning System Failure; ATA 3418

A recent Malfunction or Defect Report was processed which stated the stall warning system on the Diamond DA20-C1 is prone to freezing up.

The submitter stated that moisture is introduced to the system through the sensory hole in the left-hand wing. The moisture travels to the low point in the system, which is located in the aircraft belly, and freezes up causing the stall warning system to fail.

Aircraft time: 319 hours.

PIPER

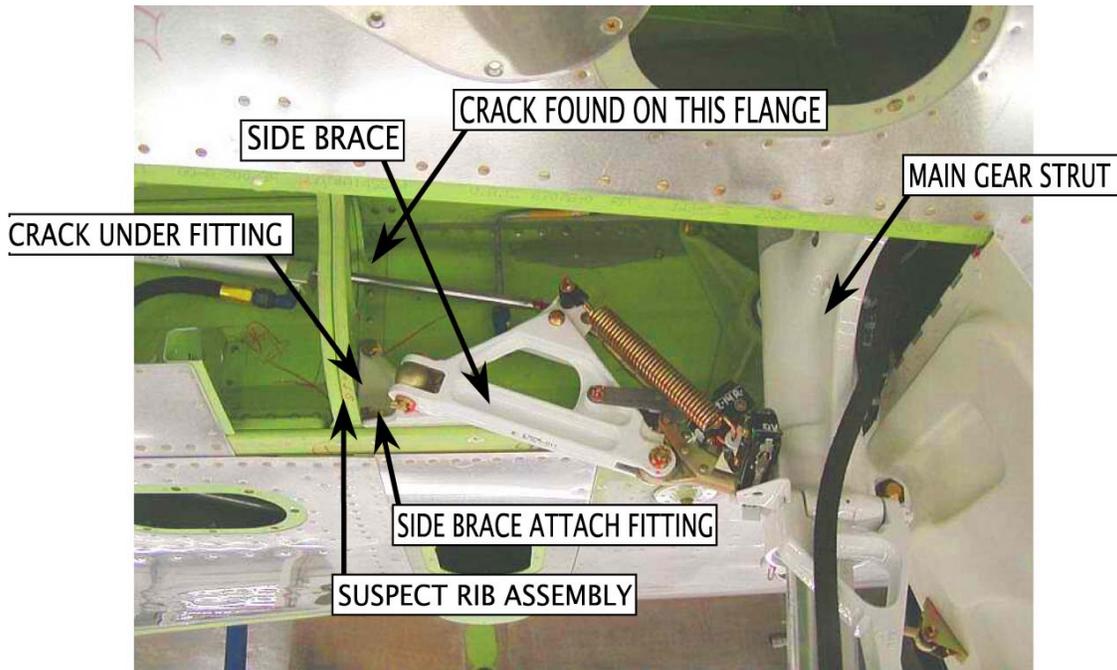
Piper; Models PA-44, PA-28R, PA-32R, PA-34, and PA-44; Cracked Wing Rib; ATA 5712

The Atlanta Aircraft Certification Office, ACE-115A, located in Atlanta Georgia, submitted the following article. *(This article is published as it was received.)*

Many Service Difficulty Reports and previous Aviation Maintenance Alerts have identified cracking in ribs located at LH and RH wing stations 49.2 on PA-44 aircraft (P/N 78475-006 and P/N78475-007). The cracks are located underneath the main gear side brace attach fitting (P/N 95643-008 and P/N 95643-009) in the bend radius of the wing rib. The cracks are generally only visible after removing the fittings. The wing rib is common to PA-28R, PA-32R, PA-34, and PA-44 aircraft.

It is recommended that the aircraft be inspected for cracks, and if found, the rib be replaced.

Part total time unknown.



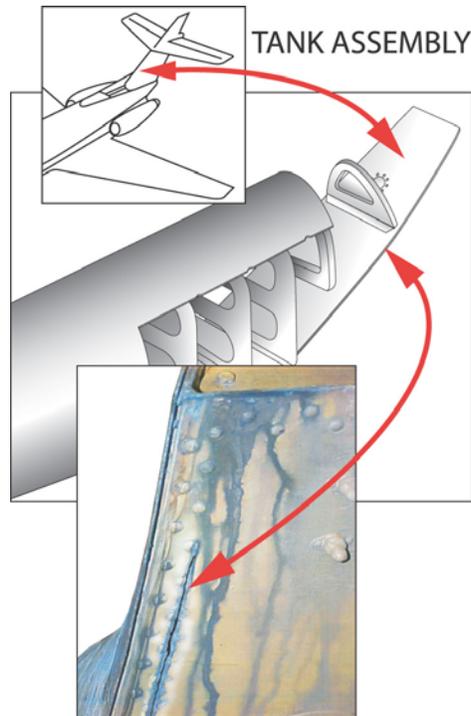
RAYTHEON

Raytheon (British Aerospace); Model HS 125-700A; Chafing Dorsal Fin Fuel Tank; ATA 2810

The technician removed the dorsal fin fuel tank (P/N S25-6FR157AB) for inspection.

The technician discovered severe chafing on the aft lower tank skin (P/N 25-6FR21AB). A seal retainer flange mounted to the vertical stabilizer caused the chafing. He repaired the tank. The serrated tank mount brackets, which are located on the vertical stabilizer, were adjusted to obtain acceptable clearance between the skin and seal retainer. This adjustment will eliminate any future chafing problem. (Refer to the illustration.)

Part total time: 82,210 hours.



ACCESSORIES

CARBURETOR

Precision; Model HA-6; Defect Carburetor Fuel Float; ATA 7322

Pilots reported that upon landing their Piper PA-44-180 aircraft, the left engine died and they saw fuel dripping from the cowling.

The technician inspected the left engine and could not find fuel leakage. He conducted a ground run and discovered the engine operated normally except at idle. At idle, the aircraft ran smoothly for about 15 to 20 seconds and then would begin to die as if the engine was excessively rich. When he leaned the mixture, the engine continued to run with fuel dripping from the carburetor airbox. When he removed and disassembled the carburetor, he discovered the float inside the carburetor was half filled with fuel.

Part total time: 718 hours.

AIR NOTES

ELECTRONIC VERSION OF FAA FORM 8010-4, MALFUNCTION OR DEFECT REPORT

One of the recent improvements to the Flight Standards Service Aviation Information Internet web site is the inclusion of FAA Form 8010-4, Malfunction or Defect Report. This web site is still under construction and further changes will be made; however, the site is now active, usable, and contains a great deal of information.

Various electronic versions of this form have been used in the past; however, this new electronic version is more user friendly and replaces all other versions. You can complete the form online and submit the information electronically. The form is used for all aircraft except certificated air carriers who are provided a different electronic form. The Internet address is: <http://av-info.faa.gov/SDRX>

When the page opens, select “M or D Submission Form” and, when complete, use the “Add Service Difficulty Report” button at the top left to send the form. Many of you have inquired about this service. It is now available, and we encourage everyone to use this format when submitting aviation, service-related information.

PAPER COPY OF FAA FORM 8010-4, MALFUNCTION OR DEFECT REPORT

In the past, the last two pages of the Alerts contained a paper copy of FAA Form 8010-4, Malfunction or Defect Report. This form will no longer be published in the Alerts due to Section 508 requirements. However, the form is available on the Internet at: <http://forms.faa.gov/forms/faa8010-4.pdf>. You can still download and complete the form as you have in the past.

SERVICE DIFFICULTY REPORTING PROGRAM

The objective of the Service Difficulty Reporting (SDR) Program is to achieve prompt and appropriate correction of conditions adversely affecting continued airworthiness of aeronautical products fleet wide. The SDR program is an exchange of information and a method of communication between the FAA and the aviation community concerning inservice problems.

A report should be filed whenever a system, component, or part of an aircraft, powerplant, propeller, or appliance fails to function in a normal or usual manner. In addition, if a system, component, or part of an aircraft, powerplant, propeller, or appliance has a flaw or imperfection which impairs, or which may impair its future function, it is considered defective and should be reported under the program.

These reports are known by a variety of names: Service Difficulty Reports (SDR), Malfunction or Defect Reports (M or D) and Maintenance Difficulty Reports (MDR).

The collection, collation, analysis of data, and the rapid dissemination of mechanical discrepancies, alerts, and trend information to the appropriate segments of the FAA and the aviation community provides an effective and economical method of ensuring future aviation safety.

The FAA analyzes SDR data for safety implications and reviews the data to identify possible trends that may not be apparent regionally or to individual operators. As a result of this review, the FAA may disseminate safety information to a particular section of the aviation community. The FAA also may adopt new regulations or issue airworthiness directives (AD's) to address a specific problem.

The primary source of SDR's are certificate holders operating under Parts 121, 125, 135, 145 of the Federal Aviation Regulations, and the general aviation community which voluntarily submit records. FAA Aviation Safety Inspectors may also report service difficulty information when they conduct routine aircraft and maintenance surveillance as well as accident and incident investigations.

The SDR data base contains records dating back to 1974. Reports may be submitted on the Internet through an active data entry form or on hard copy. The electronic data entry form is in the Flight Standards Aviation web site. The URL is: <http://av-info.faa.gov/>.

A public search/query tool is also available on this same web site. This tool has provisions for printing reports or downloading data.

At the current time we are receiving approximately 45,000 records per year.

Point of contact is:

John Jackson

Service Difficulty Reporting System Program Manager

Aviation Data Systems Branch, AFS-620

P.O. Box 25082

Oklahoma City, OK 73125

Telephone: (405) 954-6486

E-mail: <mailto:9-AMC-SDR-ProgMgr@faa.gov>

IF YOU WANT TO CONTACT US

We welcome your comments, suggestions, and questions. You may use any of the following means of communication to submit reports concerning aviation-related occurrences.

Editor: Isaac Williams (405) 954-6488

FAX: (405) 954-4570 or (405) 954-4655

Mailing address: FAA, ATTN: AFS-620 ALERTS, P.O. Box 25082, Oklahoma City, OK 73125-5029

You can access current and back issues of this publication from the internet at:

<http://av-info.faa.gov/>. Select the General Aviation Airworthiness Alerts heading.

AVIATION SERVICE DIFFICULTY REPORTS

The following are abbreviated reports submitted between February 18, 2004, and March 23, 2004, which have been entered into the FAA Service Difficulty Reporting (SDR) System data base. This is not an all inclusive listing of Service Difficulty Reports. For more information, contact the FAA, Regulatory Support Division, Aviation Data Systems Branch, AFS-620, located in Oklahoma City, Oklahoma. The mailing address is:

FAA

Aviation Data Systems Branch, AFS-620

PO Box 25082

Oklahoma City, OK 73125

To retrieve the complete report, click on the Control Number located in each report. These reports contain raw data that has not been edited. Also, because these reports contain raw data, the pages containing the raw data are not numbered.

If you require further detail please contact AFS-620 at the address above.

Federal Aviation Administration

Service Difficulty Report Data

Sorted by aircraft make and model then engine make and model. This report derives from unverified information submitted by the aviation community without FAA review for accuracy.

Control Number	Aircraft Make	Engine Make	Component Make	Part Name	Part Condition
Difficulty Date	Aircraft Model	Engine Model	Component Model	Part Number	Part Location
2004FA0000097	AGUSTA	ALLSN		SELECTOR VALVE	WORN
1/9/2004	A109A2	250C20		1090512431	MLG
2004FA0000088	AMBLP	LYC		CONTROL CABLE	FAILED
1/12/2004	A150	IO360A1A		ABC10800318	RUDDER
CA040105005	AMD	GE		DRAIN LINE	CHAFED
12/5/2003	FALCON20	CF7002D2		MY20515108003	ENGINE
CA040105008	AMD	GE		SQUAT SWITCH	FROZEN
1/3/2004	FALCON20F5	CF7002D2		A23802105	NLG
2004FA0000178	AMRGEN	LYC		SEAL	WORN
1/9/2004	AA1B	O235C2C		LW13792	ENGINE
2004FA0000076	AMRGEN			STIFFENER	CRACKED
1/14/2004	AA5B			510229616	HORIZONTAL STAB
2004FA0000235	AMTR	LYC		STRUCTURE	CHAFED
2/6/2004	ALARUSCH2T	O235*			STABILATOR
2004FA0000236	AMTR	LYC		FASTENER	CHAFED
2/6/2004	ALARUSCH2T	O235*			LTAILERONS
2004FA0000237	AMTR	LYC		SPINNER	CHAFED
2/6/2004	ALARUSCH2T	O235*			PROPELLER
2004FA0000238	AMTR	LYC		RUDDER	MISINSTALLED
2/6/2004	ALARUSCH2T	O235*			VERTICAL STAB
2004FA0000239	AMTR	LYC		BUNGEE CYLINDER	STIFF
2/6/2004	ALARUSCH2T	O235*			NLG STEERING
2004FA0000240	AMTR	LYC		INDICATOR	INACCURATE
2/6/2004	ALARUSCH2T	O235*			VOR SYSTEM
2004FA0000241	AMTR	LYC		STEP	LOOSE
2/6/2004	ALARUSCH2T	O235*			PAX DOOR
2004FA0000242	AMTR	LYC		FUEL TANK	LEAKING
2/6/2004	ALARUSCH2T	O235*			LT WING
2004FA0000243	AMTR	LYC		BRACKET	BROKEN
2/6/2004	ALARUSCH2T	O235*			CARB HEAT
2004FA0000244	AMTR	LYC		AUDIO PANEL	INOPERATIVE
2/6/2004	ALARUSCH2T	O235*			COCKPIT
2004FA0000245	AMTR	LYC		PLACARD	MISSING
2/6/2004	ALARUSCH2T	O235*			TRIM CNTRL WHEEL
AUS20031214	AMTR			HOSE	FIRE

10/27/2003	B400			20BHB	PROPANE
2004FA0000194	AVIAT	LYC		DRAIN LINE	CHAFED
11/17/2003	A1A	O360*			ENGINE OIL
2004FA0000229	AVIAT	LYC		DOPE FILM	DELAMINATED
2/17/2004	PITTSS2B	AEIO540D4A5			SKIN FABRIC
CA040123006	BAC	LYC		WIRE HARNESS	CHAFED
1/5/2004	146200A	ALF502R5		WIRE161	NR 1 GENERATOR
CA040105003	BAG	GARRTT	BAG	DOOR FRAME	CRACKED
11/16/2003	JETSTM3212	TPE33110UG		137978C5	PAX DOOR
2004FA0000142	BBAVIA	CONT		SPAR	CRACKED
1/23/2004	7AC	A75*			WINGS
2004FA0000164	BBAVIA			FUEL CAP	MISINSTALLED
2/4/2004	8KCAB			125932	FUEL CELL
CA040104001	BEECH	PWA		FUEL CONTROL	FAILED
1/2/2004	100BEECH	PT6A28		252444076	LT ENGINE
8570000	BEECH	PWA		GEAR	SLIPPED
2/27/2004	1900D	PT6*		S3280	ELEVATOR TRIM
CA040202011	BEECH	PWA		HANDLE	FAILED
1/9/2004	1900D	PT6A67D		10151417617	AIRSTAIR DOOR
CA031223001	BEECH	PWA	COLLINS	CONTROL PANEL	ODOR
12/10/2003	1900D	PT6A67D		6225798022	FMC
2004FA0000189	BEECH			STRINGER	CRACKED
2/6/2004	200BEECH				PRESS BULKHEAD
2004FA0000007	BEECH	PWA		WINDSHIELD	BROKEN
10/14/2003	200BEECH	PT6A41		10138402522	COCKPIT
CA040212005	BEECH	PWA	BEECH	CHANNEL	CRACKED
2/6/2004	200BEECH	PT6A41		50430043619	CABIN DOOR
CA040224003	BEECH	PWA	CLEVELAND	RIVET	SHEARED
2/16/2004	200BEECH	PT6A41			BRAKE PAD RIVETS
2004FA0000056	BEECH	CONT		O-RING	CRACKED
11/20/2003	35B33	IO550B		STCSA01110CH	QUICK DRAIN
2004FA0000027	BEECH	CONT		MOTOR	FAILED
11/17/2003	58	IO520*		583800901	MLG
2004FA0000217	BEECH	CONT		NUT	CRACKED
1/24/2004	58	IO520*		NAS679A4	HORIZONTAL STAB
2004FA0000071	BEECH	CONT		ARM	CRACKED
10/15/2003	58	IO520CB		505243649	RUDDER PEDAL
2004FA0000160	BEECH	CONT		ROD END	WORN

12/4/2003	58	IO550*		1317651F	PROP CONTROL
CM2R	BEECH	CONT		SEPARATOR	OBSTRUCTED
1/8/2004	95C55	IO520C		963800295	ENG AIR INTAKE
AUS20040044	BEECH	CONT		ATTACH FITTING	CORRODED
1/27/2004	A36	IO520B		35115050602	RT WING
2004FA0000131	BEECH	CONT	SLICK	IMPULSE COUPLING	BROKEN
10/30/2003	A36	IO550B		M3050	RT MAGNETO
CA040129007	BEECH	PWA	BEECH	BRACKET	CRACKED
12/10/2003	B200	PT6A41		1015241099	BALLAST WEIGHT
CA040126002	BEECH	PWA		HINGE	WORN
1/22/2004	B200	PT6A42		1019100209	INLET VANE
CA040126005	BEECH	PWA		FLANGE	CRACKED
1/26/2004	B300B350C	PT6A60A		10112011613	BATTERY COVER
CA040127010	BEECH	PWA		WINDSHIELD	CRACKED
1/21/2004	B300B350C	PT6A60A		10138402521	COCKPIT
2004FA0000169	BEECH	LYC		PUMP	INOPERATIVE
12/15/2003	C23	O360A4K		LW16335	ENGINE
2004FA0000121	BEECH			ARM	CRACKED
12/29/2003	C90			5052432626	RUDDER PEDAL
2004FA0000177	BEECH	PWA		SPAR CAP	CRACKED
10/8/2003	C90	PT6A60A		901100132	RT WING
CA040211008	BEECH	PWA		WINDSHIELD	CRACKED
1/22/2004	C90A	PT6A21		10138402523	COCKPIT
CA040211007	BEECH	PWA		WINDSHIELD	CRACKED
1/22/2004	C90A	PT6A21		10138402524	COCKPIT
CA040202012	BEECH	PWA	RAYTHN	SPAR	CRACKED
1/13/2004	C90A	PT6A21		5012000886	NACELLE
CA040220008	BEECH	PWA		HOSE	CRACKED
2/18/2004	C90A	PT6A21		909100999	ANTI ICE SYSTEM
CA040220009	BEECH	PWA		DUCT	CRACKED
2/2/2004	C90A	PT6A21		109910029121	ENGINE
CA040220010	BEECH	PWA		WINDSCREEN	DAMAGED
2/2/2004	C90A	PT6A21		10138402523	COCKPIT
2004FA0000226	BEECH	CONT		DIAPHRAGM	CRACKED
2/10/2004	M35	IO470C		631526	FUEL MANIFOLD
2004FA0000098	BEECH	CONT		THROTTLE CABLE	INOPERATIVE
11/22/2003	S35	IO520BB		363800611	ENGINE
2004FA0000116	BEECH		BEECH	BEARING	GALLED

1/15/2004	T42A			5201KD	MLG GEARBOX
2004FA0000117	BEECH		BEECH	BEARING	GALLED
1/6/2004	T42A			5201KD	MLG GEARBOX
2004FA0000104	BEECH			ARM	CRACKED
12/29/2003	T44A			5052432625	RUDDER PEDAL
CA040127014	BELL	LYC		PUMP	FAILED
12/28/2003	205A1	T5317A			FUEL CONTROL
CA040128006	BELL	LYC		PUMP	WORN
12/28/2003	205A1	T5317A		85634	FUEL CONTROL
CA040217009	BELL	ALLSN		CONNECTOR	BURNED
2/10/2004	206B	250C20B		206075559005	LEAD GRD CONNECT
CA040217010	BELL	ALLSN		BLADE	SCORED
11/18/2003	206L1	250C28B		206015001107	MAIN ROTOR
N207RT012804	BELL			BRACKET	CRACKED
1/28/2004	206L4			206021103105	TAILBOOM
CA031110002	BELL	PWA	BELL	BUSHING	INCORRECT
11/7/2003	212	PT6T3			TAIL ROTOR HEAD
CA040130009	BELL	PWA	BELL	CAP	CRACKED
1/30/2004	212	PT6T3B			MAIN BEAM
CA040217011	BELL			BLADE	DAMAGED
11/28/2003	230			222016001131	TAIL ROTOR
CA040128001	BELL	PWC		BEARING RACE	MISMANUFACTURED
1/28/2004	427	PW207D		407340339107	T/R DRIVE
2004FA0000062	BELL	ALLSN		MOUNT	CRACKED
12/23/2003	47G3B1	250C20		476121711289	ENGINE
2004FA0000063	BELL	ALLSN		GRIP	CRACKED
12/23/2003	47G3B1	250C20		471202523	THREAD
2004FA0000145	BLANCA			LEG ASSY	CRACKED
11/4/2003	1730A			19428030	MLG
CA040202016	BRAERO	GARRTT		CONTROL CABLE	BINDING
2/2/2004	BAE125800A	TFE7315R		D172890	MLG
2004FA0000081	BRAERO			WIRE HARNESS	DETERIORATED
1/4/2004	HS125700A			30709341	RT ENGINE
2004FA0000077	BRAERO	GARRTT		WIRE HARNESS	DETERIORATED
1/4/2004	HS125700A	TFE7313R		30709341	RT ENGINE
2004FA0000190	CESSNA	CONT		SKIN	CRACKED
2/11/2004	150B	O200A		04121761	HORIZONTAL STAB
2004FA0000191	CESSNA	CONT		SKIN	CRACKED

2/11/2004	150B	O200A		04121761	ZONE 300
2004FA0000159	CESSNA	CONT	CESSNA	HINGE PIN	BROKEN
12/31/2003	150M	O200*		07110381	CABIN DOOR
2004FA0000084	CESSNA	LYC		CARBURETOR	LEAKING
7/1/2003	152	O235L2C		105267	ENGINE
CA031212005	CESSNA	LYC	CESSNA	BRACKET	CRACKED
12/12/2003	152	O235L2C		04320049	HORIZONTAL STAB
CA031219001	CESSNA	LYC		RIB	CRACKED
12/17/2003	152	O235L2C		0432001646	HORIZONTAL STAB
O05R021320044	CESSNA			FLANGE	DAMAGED
2/13/2004	172				PROP HUB
041332	CESSNA	CONT	CESSNA	DRAIN	CRACKED
2/12/2004	172	O300*		CCA1550	FUEL VALVE
CA040220006	CESSNA	LYC		LINE	CHAFED
2/13/2004	172K	O320E2D		05001183	FUEL SYSTEM
CA040127012	CESSNA	LYC		EXHAUST VALVE	FAILED
12/2/2003	172L	O320E2D			ENGINE
CA040216005	CESSNA	LYC		CONNECTING ROD	WORN
1/10/2004	172M	O320E2D		78030	ENGINE
CA040212001	CESSNA	LYC		POST	CRACKED
2/4/2004	172M	O320E2D		051300735	CREW DOOR
CA040127019	CESSNA	LYC		MOUNT	CRACKED
1/6/2004	172M	O320E2D		055201913	LANDING LIGHT
2004FA0000082	CESSNA	LYC		CARBURETOR	FAILED
7/1/2003	172N	O320D2J		105217MP45PA	ENGINE
CA031104002	CESSNA	LYC		TRANSMITTER	INCORRECT
10/27/2003	172R	IO360L2A		S33311	FUEL QTY
CA040216006	CESSNA	LYC		LOCK	SHEARED
2/13/2004	172R	IO360L2A		05142132	COCKPIT SEAT
2004FA0000079	CESSNA			BALANCE WEIGHT	MISSING
1/19/2004	172RG			05331341	RUDDER
2004FA0000083	CESSNA	LYC		FITTING	CRACKED
6/30/2003	172RG	O360F1A6		22411001	MLG
2004FA0000049	CESSNA	LYC		PISTON	BROKEN
12/30/2003	172RG	O360F1A6		98820041	MLG ACTUATOR
2004FA0000100	CESSNA	LYC		CONTACTOR	FAILED
12/9/2003	172S	IO360L2A		X610007	RELAY
2004FA0000099	CESSNA	LYC		CONTACTOR	FAILED

12/21/2003	172S	IO360L2A	8824V2LA	RELAY
MYNR748K	CESSNA	LYC	CONTROL TUBE	WORN
1/14/2004	177	O320*	176703013	AILERON
2004FA0000068	CESSNA	LYC	AIR FILTER	MISMANUFACTURED
1/5/2004	177B	O360A1F6	AM107635FP	ENGINE
CA040225005	CESSNA	CONT	CONTROL CABLE	FRAYED
1/21/2004	180C	O470K	051010513	AILERON
2004FA0000192	CESSNA		CESSNA	SPAR
2/11/2004	182		0732000153	LEFT ELEVATOR
01222004	CESSNA		HINGE PIN	BROKEN
1/22/2004	182H		07110381	LWR RT DOOR
2004FA0000167	CESSNA	LYC	MAGNETO	FAILED
1/22/2003	182T	IO540AB1A5	6351	ENGINE
2004FA0000118	CESSNA		MASTER CYLINDER	LEAKING
1/8/2004	195B		05411383	BRAKES
CA040216003	CESSNA	PWA	ACTUATOR	FAILED
1/14/2004	208B	PT6A114	26616151	ELEVATOR TRIM
CA040217001	CESSNA	PWA	MOUNT	CRACKED
2/17/2004	208B	PT6A114A	265102215	ENGINE
CA040217003	CESSNA	PWA	RELAY	BURNED
2/17/2004	208B	PT6A114A	KRP3DH24	WINDSHIELD
CA040130003	CESSNA	PWA	RETAINER	COLLAPSED
1/26/2004	208B	PT6A114A	3020159	ENGINE
2004FA0000202	CESSNA		WIRE	BROKEN
2/3/2004	210M			ALTERNATOR
2004FA0000227	CESSNA		ELT	FAILED
2/24/2004	310N		AK450	CABIN
2004FA0000228	CESSNA		ELT	FAILED
12/17/2002	310N		AK450	CABIN
2004FA0000096	CESSNA		CESSNA	BEARING
5/25/2003	310Q			NLG
CA040106007	CESSNA	CONT	MAGNETO	DAMAGED
11/21/2003	337C	IO360C	10790206	ENGINE
CA040130007	CESSNA	CONT	HOUSING	CRACKED
1/6/2004	337G	IO360G	C6FF10555A	ALTERNATOR
2004FA0000173	CESSNA	CONT	DOWNLOCK SWITCH	FAILED
1/22/2004	340A	TSIO520*		MLG
BHA03RS	CESSNA	CONT	ENGINE	DAMAGED

2/23/2004	340A	TSIO520NB		RIGHT
CA040105004	CESSNA	CONT	STRUT	CRACKED
12/16/2003	421A	GTSIO520D	519400113	MLG
6521	CESSNA		BEAM	CRACKED
2/17/2004	421C		505403042	NACELLE
2004FA0000069	CESSNA	CONT	EXHAUST RISER	DAMAGED
12/23/2003	421C	GTSIO520*	89243	LT ENGINE
2004FA0000087	CESSNA	GARRTT	MASTER SWITCH	DESTROYED
12/22/2003	441	TPE331*	CM358950	COCKPIT
CA040220007	CESSNA	GARRTT	VALVE	FAILED
2/18/2004	441	TPE3318	47061	ENERGENCY PRESS
40188138	CESSNA	PWA	BRACKET	CRACKED
2/26/2004	500CESSNA	JT15D1	556555026	BALANCE WEIGHT
CGLMK1	CESSNA		CONNECTOR	MISMANUFACTURED
2/16/2004	550		65280073	LE HEAT
2004FA0000141	CESSNA		LINE	CHAFED
11/5/2003	650			HYDRAULIC SYSTEM
2004FA0000182	CESSNA	GARRTT	CHECK VALVE	CRACKED
2/4/2004	650	TFE731*	40117	CABIN PRESSURE
CA040105007	CESSNA	CONT	CONTROL CABLE	FRAYED
12/3/2003	A185E	IO520D	0510105325	
2004FA0000074	CESSNA		LINE	CRACKED
12/19/2003	A185F		3A0900002	HYD SYSTEM
2004FA0000231	CESSNA	CONT	ACTUATOR	CRACKED
4/23/2003	P210N	TSIO520P	98820001	MLG
2004FA0000234	CESSNA	LYC	PLATE	CRACKED
2/6/2004	R182	O540*	C50462	PROP BULKHEAD
2004FA0000075	CESSNA	LYC	CONTACTOR	SHORTED
12/14/2003	R182	O540J3C5	S15771	STARTER
2004FA0000195	CESSNA	LYC	PLUG	LOOSE
2/4/2004	R182	O540J3C5	61510	CRANKSHAFT
2004FA0000085	CESSNA	CONT	SLICK	IMPULSE COUPLING
12/5/2003	T188C	TSIO520*		MAGNETOR
2004FA0000198	CESSNA	CONT	OIL COOLER	CRACKED
2/4/2004	T210L	TSIO520*	654585	ENGINE
21200004	CESSNA	CONT	AUTOPILOT SYS	DEFECTIVE
2/21/2004	T210L	TSIO520*	55X	COCKPIT
2004FA0000021	CESSNA	CONT	VERNATHERM	FAILED

12/26/2003	T210M	TSIO520R		639305	OIL COOLER
2004FA0000205	CESSNA	CONT		CYLINDER	MISMANUFACTURED
2/10/2004	T210N	TSIO520R		AEC631397SN712B	ENGINE
2004FA0000199	CESSNA	CONT		INLET	MISMANUFACTURED
2/2/2004	T210N	TSIO520R		K1250860M105	TURBO EXH SYS
2004FA0000204	CESSNA	CONT		AUTOPILOT SYS	MALFUNCTIONED
2/20/2004	T210N	TSIO520R		ST566	COCKPIT
2004FA0000009	CHRIS	LYC		FLYING WIRE	BROKEN
12/12/2003	A1	O360A1D			TAIL UP
2004FA0000222	CIRRUS			CAGE	FAILED
1/7/2004	SR22			BA111	AIR FILTER
N4848M	CURTIS			CHARGER	BURNED
10/8/2003	TRVAIR2000				MASTER BATTERY
2004FA0000219	CVAC	ALLSN	AEROPRODTSXX	O-RING	CUT
1/13/2004	440	501D13		6873725012	TRANSFER TUBE
CA031222001	DHAV	PWA		WHEEL	FRACTURED
12/17/2003	DH82	PW123		3006202	MLG
CA040225007	DHAV	PWA		HINGE	CRACKED
7/14/2003	DHC2MK1	R985AN14B		C3TE37ND	ELEVATOR
CA040213007	DHAV	PWA		TORQUE TUBE	CORRODED
2/10/2004	DHC2MK1	R985AN14B		C2CF209	RUDDER PEDAL
CA040213008	DHAV	PWA		TORQUE TUBE	WORN
2/10/2004	DHC2MK1	R985AN14B		C2T7A	ELEVATOR
CA040213009	DHAV	PWA		HOUSING	CRACKED
2/10/2004	DHC2MK1	R985AN14B		C2TP11	ELEVATOR
CA040213010	DHAV	PWA		JACKSCREW	CORRODED
2004FA0000078	DHAV	PWA		STRUT	CRACKED
11/20/2003	DHC3	PT6A135		C3UF811	MLG FLOAT
CA040219005	DHAV	PWA		CONTROL COLUMN	CRACKED
1/29/2004	DHC3	PT6A34		C3CF3915	COCKPIT
CA031218004	DHAV	PWA		ROD	WORN
12/17/2003	DHC3	S3H1G		C3CF4187	ELEVATOR TAB
CA040127003	DHAV	PWA		CONTROL ARM	CRACKED
10/1/2003	DHC3	S3H1G		C3CF1709	LT TE FLAP
CA040219001	DIAMON	ROTAX		EXHAUST STACK	BROKEN
2/16/2004	DA20A1	ROTAX912		2078000107	CYLINDER HEAD
CA040213003	DIAMON	ROTAX	BOMBDR	EXHAUST STACK	CRACKED
2/9/2004	DA20A1	ROTAX912		2078000107	CYLINDER HEAD

CA040213001	DIAMON	ROTAX	BOMBDR	EXHAUST STACK	FRACTURED
2/9/2004	DA20A1	ROTAX912		2078000103	CYLINDER HEAD
CA031223006	DIAMON	ROTAX	BOMBDR	SOCKET	CRACKED
12/19/2003	DA20A1	ROTAX912F3		922230	CYLINDER HEAD
2004FA0000230	DIAMON	CONT		SLEEVE	LOOSE
2/20/2004	DA20C1	IO240A		2055300099	RUDDER HINGE PIN
CA040127013	DIAMON	CONT		PUMP	FAILED
12/16/2003	DA20C1	IO240B		6533512	FUEL SYSTEM
2004FA0000130	GULSTM			SPAR	CRACKED
1/22/2004	112				RUDDER
102203WHR	GULSTM	RROYCE	GULSTM	DOOR SEAL	DEBONDED
10/22/2003	GIV	TAY6118		1159SCB2022	CARGO DOOR
1022031237WHR	GULSTM	RROYCE	GULSTM	DOOR SEAL	DEBONDED
10/22/2003	GIV	TAY6118		1159SCB2022	ZONE 800
CA040127017	HUGHES	LYC		NUT	LOOSE
1/5/2004	269C1	HO360C1A		269A54021	FREEWHEEL UNIT
54140	LEAR	GARRTT		PLENUM	CRACKED
1/19/2004	31	TPE33110UG		310166811	ENGINE
CA040203001	LEAR	GARRTT		DOWNLOCK SWITCH	FALSE INDICATION
1/30/2004	35LEAR	TFE73122B		1EN18	RT MLG
BROWN2004001	LEAR			PYLON	VIBRATION
2/23/2004	45LEAR				ENG PYLON
CA040224001	LEAR	PWA	EATON	PRESSURE SWITCH	FALSE INDICATION
2/18/2004	60LEAR	PW305A		282D0007505	HCU
18069	LKHEED	WRIGHT		STRUCTURE	CRACKED
3/3/2004	P2V7	R3350*			LT WING
2004FA0000070	MARSH	GARRTT		RIB	CRACKED
12/24/2003	S2F3S	TPE331*		121CS100011	HORIZONTAL STAB
2004FA0000060	MARSH	GARRTT		RIB	CRACKED
12/24/2003	S2F3S	TPE331*		121C3100011	STABILIZER
2004FA0000168	MAULE	LYC		WIRE	DAMAGED
1/18/2003	MXT7180	O360C1F			RT SEAT CONVERTE
2004FA0000186	MOONEY	LYC		MAGNETO	FAILED
1/14/2004	M20C	IO360A1A		4347	ENGINE
2004FA0000200	MOONEY	LYC	DUKES	GEAR	WORN
7/10/2003	M20J	IO360A1A		B10076	MLG ACTUATOR
2004FA0000201	MOONEY	LYC		WORM GEAR	WORN
6/10/2003	M20J	IO360A1A		B10076	MLG ACTUATOR

WYNBRANDT	MOONEY	CONT		FLUID	SOLIDIFIED
2/2/2004	M20K	TSIO360*		MIL H5606	BRAKE SYS
ROSENBERG	MOONEY	CONT		FLUID	SOLIDIFIED
1/23/2004	M20R	IO550*		MIL H-5606	BRAKE SYSTEM
2004FA0000054	MOONEY	CONT		CYLINDER	CRACKED
1/9/2004	M20R	IO550G			ENGINE
2004FA0000216	MOONEY	CONT	MOONEY	ROLL PIN	SHEARED
2/17/2004	M20R	IO550G		P1912506252M	LT MLG TUBE
2004FA0000129	NAMER			SPAR	CRACKED
1/22/2004	T28C				RUDDER
2004FA0000073	PILATS	PWA		BOLT	BROKEN
1/13/2004	PC1245	PT6A67B		532.10.12.077	MLG
CA040123004	PILATS	PWA		INSULATION	CHAFED
1/14/2004	PC1245	PT6A67B			ELECTRICAL WIRE
2004FA0000188	PIPER			SELECTOR VALVE	BROKEN
2/6/2004	PA18150				FUEL SYSTEM
2004FA0000218	PIPER			PISTON	SEIZED
2/1/2004	PA24 180			C4784	PROPELLER
2004FA0000013	PIPER	LYC		ROD	BROKEN
1/1/2004	PA24250	O540*		A8268	PISTON ASSY
2004FA0000065	PIPER	LYC		CONTROL CABLE	MISROUTED
12/4/2003	PA24250	O540A1D5		ALCON93882	MIXTURE
2004FA0000016	PIPER	LYC		BELLCRANK	CRACKED
12/19/2003	PA24260	TIO540*		2018500	RUDDER
2004FA0000053	PIPER			THROTTLE	STUCK
1/6/2004	PA28140				ENGINE
2004FA0000000	PIPER	LYC		WIRE	MISINSTALLED
9/18/2003	PA28161	O320*		GMA340	AUDIO PANEL CONN
2004FA0000029	PIPER	LYC		STIFFENER	CRACKED
11/5/2003	PA28181	O360*		62086002	RT WING
2004FA0000224	PIPER	LYC		SKIN	CRACKED
2/10/2004	PA28181	O360*		63396802	RUDDER
2004FA0000225	PIPER	LYC		HOUSING	BROKEN
2/6/2004	PA28181	O360A4M			ALTERNATOR
2004FA0000059	PIPER	LYC	BENDIX	FLOW DIVIDER	BYPASSING
1/12/2004	PA28R180	IO360B1E		2524321	FUEL SYSTEM
2004FA0000247	PIPER			BOLT	MISSING
2/27/2004	PA28R200			453199	NLG UPLOCK

2004FA0000249	PIPER	LYC		HOSE	MISROUTED
2/27/2004	PA28R200	IO360A1A		63901038	FUEL SYSTEM
2004FA0000246	PIPER	LYC		BOLT	MISSING
2/27/2004	PA28R200	IO360A1A		400885	NLG DOWNLOCK
2004FA0000089	PIPER	LYC		TIRE	DEFECTIVE
10/15/2003	PA28R200	IO360A1A		60064PLY	MLG
CA040130008	PIPER	LYC		TRUNNION	CRACKED
1/27/2004	PA28R200	IO360C1C		67054003	NLG
2004FA0000132	PIPER	LYC		INDICATOR	FAILED
1/16/2004	PA28RT201	IO360C1C6		303770	TURN COORDINATOR
CA040202001	PIPER	LYC		SEAL	BLOWN
2/11/2004	PA30	IO320B1A		LW13792	PROPELLER
CA040106005	PIPER	LYC		DOWNLOCK	INOPERATIVE
12/9/2003	PA31	TIO540A2B		4195200	MLG
CA040219006	PIPER	LYC		AXLE	BROKEN
2/18/2004	PA31	TIO540A2B		4041304	MLG
2004FA0000180	PIPER	LYC		REGULATOR	FAILED
12/10/2003	PA31350	TIO540*		A23D04	FUEL SYSTEM
CA040125001	PIPER	LYC		PUMP	FAILED
1/22/2004	PA31350	TIO540J2BD		1213HBG310A	HYD SYSTEM
CA040127018	PIPER	LYC		LINE	LEAKING
1/24/2004	PA31350	TIO540J2BD		465299	FUEL SYSTEM
CA040127004	PIPER	LYC		CYLINDER	WORN
12/17/2003	PA31350	TIO540J2BD		LW12966	RT ENGINE
CA040103001	PIPER	LYC		TORQUE TUBE	CORRODED
1/2/2004	PA31350	TIO540J2BD		4004009	RUDDER
CA040129008	PIPER	LYC		BRACKET	BENT
1/22/2004	PA31350	TIO540J2BD			NLG
CA040128005	PIPER	LYC	CONT	BEARING	CONTAMINATED
1/9/2004	PA31350	TIO540J2BD	3200		MAGNETO
CA040218004	PIPER	LYC		CYLINDER	INOPERATIVE
2/12/2004	PA31350	TIO540J2BD		LW12966	ENGINE
CA040218001	PIPER	LYC		SERVO	INOPERATIVE
2/12/2004	PA31350	TIO540J2BD		40002928511	ELEVATOR TRIM
CA040218002	PIPER	LYC		SERVO	JAMMED
2/12/2004	PA31350	TIO540J2BD		40002928511	ELEVATOR TRIM
CA040218003	PIPER	LYC		CYLINDER	DAMAGED
2/12/2004	PA31350	TIO540J2BD		LW12966	ENGINE

CA040106003	PIPER	LYC	AIRBORNE	SHAFT	BROKEN
12/19/2003	PA31350	TIO540J2BD			DRY AIR PUMP
CA040105002	PIPER	LYC	AIRBORNE	SHAFT	BROKEN
8/17/2003	PA31350	TIO540J2BD			HYD PUMP
CA040106006	PIPER	LYC		LATCH	INOPERATIVE
12/31/2003	PA31350	TIO540J2BD			PROPELLER
2004FA0000015	PIPER	LYC		SKIN	CORRODED
12/10/2003	PA32301	IO540*		68501801	FUSELAGE
2004FA0000144	PIPER	LYC		TRUNNION	CRACKED
1/12/2004	PA32R301	IO540*		67054003	NLG
O05R200400010	PIPER			BLADE	OUT OF TOLERANCE
2/13/2004	PA34200			FJC7666A	PROPELLER
2004FA0000248	PIPER	LYC		RETAINER	LOOSE
2/27/2004	PA34200	IO360A1A		67502 000	RT MLG
2004FA0000139	PIPER			CAP	LOOSE
1/9/2004	PA34220T			39824804	LT FUEL CELL
NI1R200400001	PIPER			BOLT	SHEARED
2/11/2004	PA44180				NLG
GARMINGTX327	PIPER			TRANSPONDER	FALSE INDICATION
12/15/2003	PA44180			0110049000	ATC SYSTEM
2004FA0000018	PIPER	LYC		O-RING	LEAKING
11/24/2003	PA44180	O360*			SHUTOFF VALVE
CA040220001	PIPER	LYC		PISTON RING	CRACKED
2/19/2004	PA44180	O360*			ENGINE
2004FA0000051	PIPER	CONT		FASTENER	LOOSE
1/9/2004	PA46310P	TSIO520*		824872	ENGINE MOUNT
2004FA0000052	PIPER	CONT		FITTING	LOOSE
1/9/2004	PA46310P	TSIO550C		824872	ENGINE MOUNT
2004FA0000014	PIPER	LYC		PLUG	LOOSE
11/19/2003	PA46350P	TIO540AE2A		STD91	ENGINE
YK1R062001	RAYTHN	GARRTT		APU	FAILED
2/27/2004	HAWKER800XP	TFE7313R1H		GTCP36150W	APU BAY
CA040219004	RAYTHN	GARRTT		ENGINE	MISRIGGED
12/31/2003	HAWKER800XP	TFE7315BR		TFE7315BR	LT & RT
CA040220004	ROBSIN	LYC	PRESTOLITE	WHEEL	BROKEN
2/16/2004	R44	O540F1B5		902241	ALTERNATOR
CA040217005	ROBSIN	LYC		BEARING	FAILED
2/10/2004	R44	O540F1B5		LW13521	CONNECT ROD

CA040217006	ROBSIN	LYC		HEAT SHIELD	DEPARTED
11/6/2003	R44	O540F1B5		D3181	TAIL PIPE
CA040213006	SKRSKY	GE	SKRSKY	SPAR	CRACKED
2/2/2004	S61N	CT581402		6117020201067	M/R BLADE
2004FA0000080	UNIVAR	CONT		SPAR	CORRODED
1/19/2004	415C	C8512F			CENTER WING
2004FA0000090	UNIVAR	CONT		STIFFENER	DAMAGED
12/12/2003	415CD	C75*			CENTER WING
01070422H	UNIVAR			SPAR CAP	CORRODED
1/7/2004	415D				WING
CA040126007	ZLIN	LYC		SPRING	BROKEN
1/26/2004	Z242L	AEIO360A1B6		Z4242170001	NLG STEERING