

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

AIR CARRIER

AIRCRAFT/ENGINE UTILIZATION REPORT

RIS: AC 8320-1
INSPECTOR NAME Ellsworth Ching
REGION-DISTRICT OFFICE WP-FSDO - 13

OPER SYMBOL	DATE MO YR
SPIA	11 85

TYPE LINE SET

AIRCRAFT			ENGINE				FLEET UTILIZATION			
MFG	MODEL	NO. ACFT	MFG	MODEL	NO. SD	NO. REM	FLEET DAYS	AIRCRAFT TOTAL HRS	ACFT HR Avg/Day	ENGINE TOTAL HRS
DHC	DHC - 6 - 300	3	PWA	PT6A - 27	0	0	60	382.0	6.4	764.0
<p><i>PPG 1 A/C 30 days 268.4 hrs. for Nov. (flew everyday) Accomplished hot section, 3 Emmas, main gear change, as well as schedule and unschedule component chgs.</i></p>										

REMARKS (Include - Engine TBO/Hot Section Time Revision)

AIR CARRIER
AIRCRAFT/ENGINE UTILIZATION REPORT
(Report Completion Instructions)

OPER SYMBOL - Enter in this block the 3- or 4-character symbol representing the air carrier name. (See FAA Order 8300.4, chapter 2, section 2.)

ENGINE MODEL - Enter the engine basic model. The FAA TC data sheets list the official designation of the engine.

DATE MO YR - Enter the month and year for which the utilization data applies. Example: 0175 is for January 1975.

NO. SD - This is the number of engines shut down for mechanical cause or suspected cause.

INSPECTOR NAME - This is to identify the inspector responsible for the report.

NO. REM - Enter the number of engines removed prematurely due mechanical malfunction.

REGION-DISTRICT OFFICE - Identify the region and district office to which the inspector is assigned.

FLEET DAYS - This is a summation of the number of days each aircraft was active. Active aircraft are those in service any time during the month of activity.

AIRCRAFT MFG - A one or two-letter abbreviation for the aircraft manufacturer name. (See 8000.24 for acceptable abbreviations.) Listed below are the most frequently used abbreviations.

AIRCRAFT TOTAL HRS - Enter the flight hours for the fleet for the nearest whole hours.

AIRCRAFT MODEL - Enter the aircraft basic model. The FAA TC data sheets list the official designation of the aircraft.

ACFT HRS AVG/DAY - Daily utilization or the average daily flight hours for each aircraft.

NO. ACFT - This is the number of ACTIVE aircraft. Active aircraft are defined as those in service any time during the month.

ENGINE TOTAL HRS - Fleet engine service time; i.e., number of engines times aircraft total hours for this aircraft, engine operator combination.

ENGINE MFG - A one to four-character abbreviation for the engine manufacturer name. (See 8000.24 for acceptable abbreviations.) Listed below are the most frequently used abbreviations.

REMARKS - Inspectors' remarks and comments. Also, report new or revised TBO/hot section times, report operator name/symbol changes, fleet size changes, etc.

Aircraft Manufacturer Code Table (brief)

AC Aero Commander	FH Fairchild Hiller
B Boeing	G Grumman
BE Beech	H Hiller
C Cessna	HB Bell
CV Convair	L Lockheed
DC Douglas	M Martin
DH DeHavilland	P Piper
F Fairchild	SK Sikorsky

Engine Manufacturer Code Table (brief)

ARCH = Airesearch	PWA = Pratt Whitney
ALSN Allison	RR Rolls Royce
CONT Continental	TMCA Turbomeca
GE General Electric	WAD Wright
LYC Lycoming	

1. DELAY AND MECHANICAL INTERRUPTION:

A/C NO.	MALFUNCTION	CORRECTIVE ACTION	DELAY TIME
N43SP	TORQUE PRESS FLUX (LEFT ENGINE)	R AND R LT TORQUE PRESS. TRANSMITTER	1HR

N43SP	RT BETA RANGE LITE GIVING STEADY ILLUMINATION WITH PWR LEVER IN FWD MODE SUSPECT PROP LEVER OPERATED BETA BACK UP MICROSWITCH FAILED IN CLOSED POSITION BETA BACKUP DISARMED LIGHT IS FLICKERING ON AND OFF	CLEANED RT ENG BETA MICRO SWITCH CONTACT, GROUND OPS CHK GOOD R AND R CARON BLOCK SWITCH ACTUATOR RIGGED BETA I/A/W PSM 76-10-00 PAGE 509-511, GRND RUN CHK GOOD.	3.35
-------	---	---	------

N43SP	RT BETA LITE COMES ON IN FLT STEADY ILLUMINATION	REPLACED RT BETA MICRO SWITCH ENG. RUNUP CHK	1.5HR
-------	--	--	-------

2. PREMATURE COMPONENT REMOVAL.

A/C NO.	DESC	P/N	S/N	TYPE OF FAILURE
N43SP	TORQ PRESS TRANS	418-01064	02-76-216	FLUCTUATING
N43SP	LIFE VEST	82200	78-178	INSP DUE
N43SP	LEAD ACID BATTERY	6638IE	60834743	FLOR CHARGING
N43SP	GT VANE RING	3016951	N/A	UNSERVICEABLE
N43SP	COMP. TURBINE DISK	3013411	BL701	UNSERVICEABLE
N43SP	HRI	500ED	2365	INACCURATE INDICATION
N43SP	LEAD ACID BATTERY	6638IE	60823964	FOR CHARGING
N43SP	LEAD ACIT BATTERY	6638IE	60834743	FOR CHARG AND INSP
N43SP	OIL LOW PRES. SW	8D70019-15	2143	LEAKING

3. COMPONENTS INSTALLED

A/C NO.	DESC	P/N	S/N	POS	TSD
N43SP	TORQ PRESS TRANS	418-01064	8415132	LT	00.0
N43SP	LIFE VEST	82200	78-60111	4C	00.0
N43SP	LEAD ACID BATTERY	6638IE	60834743	MAIN	00.0
N43SP	GT VANE RING	3016951	19786	LT ENG.	00.0
N43SP	COMP TURB DISK	3013411J	A53341	LT ENG	8710.6
N43SP	LEAD ACID BATTERY	6638IE	60823964	MAIN	921.4
N43SP	HRI	504-0017-907	C3003	RT	00.0
N43SP	LEAD ACID BATTERY	6638IE	60834743	MAIN	90.7
N43SP	LEAD ACID BATTERY	6638IE	60834743	MAIN	969.9
N43SP	LDW OIL PRESS SW	8D70019-15	3690	LT	UNK
N43SP	BRAKE ASSY	9550376	OCT-82-2464	RT	UNK
N43SP	MAIN GEAR LEG	C6U1103-S4	735	RT	UNK

4. MECHANICAL RELEABILITY

..... NONE

5. RELATED PILOT REPORTS EXCEEDING 3 IN A CALENDER MONTH.

A/C NO.	ATA	DATE	DESCREPARNCIES	CORRECTIVE
N43SP	61	11/15/85	RT BETA RANGE LIGHT	RIGGED BETA
N43SP	61	11/29/85	RT BETA RANGE LIGHT	REPLACE
N43SP	61	11/30/85	RT BETA LITE COMES ON	REPLACED MICRO SWITCH

GROUND EQUIPMENT MALFUNCTION

TYPE	MALFUNCTION	CORRECTION
TUG	NEED ROTO, PLUG, COIL	ORDER THRU HNL, RECVD ROTOR NOW IN OPERATION
L/G JACKS	NEED OIL TYPE	TELEX SENT TO HNL FOR OIL
GOLF CART	NEED BATTERY	PURCHASE BATTERY FROM PRO SHOP, NOW IN OPERATION