



ATTACHMENT 1

AIRWORTHINESS GROUP CHAIRMAN'S FACTUAL REPORT

NTSB No. WPR18MA087

**Aircraft Logbook Excerpts for Yaw Potentiometer Replacement on N155GC
(3 Pages)**

COPY

2/11/18 cl.

EC 130B4

AIRCRAFT LOGBOOK

ED

SP2/4

MECHANICAL IRREGULARITIES AND CORRECTIVE ACTION

No.	DISCREPANCY	No.	CORRECTIVE ACTION TAKEN
1	"At cruise power (9 on FLE) At Batt Towers, Aircraft Yawed and Grogg Roll, A few seconds later I was looking inside, Aircraft Yawed again, FLE went down to 8 and it to yellow range in a second with audio 'grogg'. Transferred from logbook page #20500 LR	1	2-4-18 ACT: 9607.8 Removed and Replaced yaw foot pedal potentiometer due to potentiometer pin being bent, causing potentiometer to not operate causing aircraft to yaw, grogg going on and FLE fluctuating. Performed ground ops check and no further defects were recorded. Work performed in reference to EC130B4 man ch. 74-11
2	Independent control check required for removal and installation of yaw foot pedal potentiometer. LR	2	2-4-18 ACT: 9607.8 Performed Independent Control Check for removal and installation of yaw foot pedal potentiometer in accordance with company policy. No discrepancies found.
3	Operational check Flight Required for maintenance performed on the foot pedal yaw potentiometer. LR	3	2-4-18 ACT: 9607.8 Performed Operational Check Flight required for maintenance performed on the foot pedal yaw potentiometer in accordance with company policy. No discrepancies found. Aircraft returned to service.

COMPLY AND SIGN ALL APPLICABLE AIRWORTHINESS DIRECTIVES

DATE ACTT: COMPLIED WITH AD 2016-08-20 REV / EASB 05A017 REV INSPECTION OF TAILBOOM/FENESTRON JUNCTION FRAME AS REFERENCED IN PARA (f)(2) OF AD 2016-08-20 AND PARA 3.B.2 OF EASB 05A017, AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION NEXT DUE ACTT: SIGNATURE CERT

DATE ACTT: COMPLIED WITH AD 2014-20-15 REV / EASB 53A019 REV INSPECTION OF RIGHT-HAND AND STRIPPED AREA OF TAILBOOM/FENESTRON JUNCTION FRAME AS REFERENCED IN PARA (f)(2) OF AD 2014-20-15 AND PARA 3.B.4 OF EASB 53A019, AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION NEXT DUE ACTT: SIGNATURE CERT

DATE ACTT: COMPLIED WITH EASB 05A017 REV, CHECK OF THE TAIL BOOM / FENESTRON JUNCTION FRAME FROM THE OUTSIDE AS REFERENCED IN PARA 3.B.3, AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION NEXT DUE ACTT: SIGNATURE CERT

INITIAL ALL APPLICABLE ICA'S

ICA-ECL-118 BFF/PREFLIGHT ☒ E-966 PREFLIGHT ☐
130MMS-009 P-CHECK ☒
1130-SERIES-ICA-1 PREFLIGHT ☐

DAILY/FLIGHT-RELATED CHECK: I CERTIFY THIS ROTORCRAFT HAS BEEN INSPECTED WITH REFERENCE TO THE MFG'S REQUIREMENTS AND M/M, TO INCLUDE: ALF/BFF, 10HR/7 DAY, 15HR/7 DAY PREFLIGHT INSPECTIONS/CHECKS PER CFR 91.409 (f)(3). THIS ROTORCRAFT IS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 2-4-18 ACTT: 9607.8
SIGNATURE:
CERTIFICATE TYPE & #

PRE-FLIGHT CHECK/DISCREPANCIES REVIEW

PILOT'S SIGNATURE

PRINTED NAME & CERTIFICATE NO.

FLIGHT BREAK DOWN

BLDR	GCN
BLDR CHTR	GCN CHTR
FE BLDR 0.7	FE GCN
MTF BLDR	MTF GCN
TNG BLDR	TNG GCN
1G4	Lineas 1 10.0
FE 1G4	Lineas 2 1.0
LV	Lineas 3 0.2
FELV	
HDL	
Recheck 4	

ENGINE PERFORMANCE/POWER CHECK DATA

NG	NF	TRQ	T4	OAT	Zp	T4 MARGIN	TRQ MARGIN
NR			NR				NR
%	RPM	%	°C	°C	FT	°C	%

HOBBS	ACFT.TT	ENG. TT	FLT. CYCLES	N1/NG CYCLES	N2/NP CYCLES
STOP 9608.2	START 9607.8	START 1548.1	START 17940	START 22657.90	START 9345.15
START 9607.5	TODAY 0.7	TODAY 0.7	TODAY 3	TODAY 1.55	TODAY 1.0
TIME 0.7	TOTAL 9608.5	TOTAL 1548.8	TOTAL 17943	TOTAL 22659.45	TOTAL 9349.15

MO.	DAY	YR	LOCATION	ACFT TYPE	REG.#	AIRFRAME S/N #	ENGINE S/N #	PAGE NO.
2	18	18	BLDR	EC130B4	N15566	7091	23056	EC130B4 - 20501

CS SP 214

[illegible]

ESP24

[illegible]