



Airframe Logbook

WO: 2021 N53DE
DISCREPANCIES

15-Apr-21

N53DE - BELL 429, S/N 57380

Facility:

Certificate #:

Airframe Hours: 266

Airframe Cyc/Lndgs: 314

Airframe Arot: 0

Airframe Rtcy: 220

Airframe Rol: 0

THE FOLLOWING DISCREPANCIES WERE ACCOMPLISHED:

1	N53DE-201016-1	PITCH SEGMENT LIGHT ILLUMINATES FREQUENTLY WHEN FLYING IN ATT MODE WITH AUTOPILOT COUPLED. OCCASIONALLY AUTOTRIM CAUTION, AP1 DEGRADED AND AP2 DEGRADED CAUTION CAS MESSAGES OCCUR CONCURRENTLY. AUTOTRIM CAUTION LIGHT ALSO ILLUMATES FREQUENTLY DURING GROUND AUTOPILOT TESTS. Corrective Action: Found Friction Cup and insert Assy damaged due to contamination. Replaced Cup PN: 429-001-358-101 and Insert Assy PN: 429-001-360-107 w/t new.
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I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F)(3) AND APPROVED FOR RETURN TO SERVICE.

TECHNICIAN

████████████████████

Certificate #:

A&P - ██████████

TROY E SNOW
Signed on 15-Apr-2021 12:27 UTC



Airframe Logbook
 N53DE - BELL 429, S/N 57380
 Airframe Hours: 265.1
 Airframe Arot: 0
 Airframe Rol: 0

WO: N53DE-27/01/21

10-Mar-21

Airframe Cyl/Lndgs: 313
 Airframe Rtcy: 220

THE FOLLOWING AIRWORTHINESS DIRECTIVES WERE ACCOMPLISHED:

AD	DESCRIPTION
1 FAA 2019-06-04	MAIN ROTOR - PITCH LINK BEARING WEAR MOC: COMPLIED WITH Next Due: 304.6 HOURS Effective Date: 07-MAY-2019

THE FOLLOWING SERVICE BULLETINS WERE ACCOMPLISHED:

SERVICE BULLETIN	DESCRIPTION
1 429-19-47 REV B	INSPECTION OF TAIL ROTOR GEARBOX SUPPORT RETAINING RIVETS, ALERT SERVICE BULLETIN MOC: COMPLIED WITH Update Note: PART 1 COMPLIED WITH. PART 2 IMPLEMENTS RECURRING INSPECTION EVERY 400HRS/12MO PER PART 1.
2 429-11-03 REV A	INTRODUCTION OF MAIN ROTOR PITCH LINK ROD END BEARING INSPECTION, ALERT SERVICE BULLETIN MOC: COMPLIED WITH Next Due: 304.6 HOURS

THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

TASK NUMBER	DESCRIPTION
1 05-40-00-04A-281A	600-HOUR OR 12-MONTH INSPECTION - SCHEDULED INSPECTIONS
2 05-40-00-02A-281A	200-HOUR OR 12-MONTH INSPECTION - SCHEDULED INSPECTIONS
3 05-40-00-05A-281A	800-HOUR OR 12-MONTH INSPECTION - SCHEDULED INSPECTIONS
4 05-40-00-08A-281A	12-MONTH INSPECTION - SCHEDULED INSPECTIONS
5 05-40-00-28A-281A	1-MONTH INSPECTION - SCHEDULED INSPECTIONS
6 050090	CORROSION INSPECTION ANNUAL CORROSION INSPECTION GUIDE IAW C3SD-PSE-87-001 CHAPTER 30 PARA 30-8
7 261102	DETAILED INSPECTION HAND HELD FIRE EXTINGUISHER
8 329001-ICA	INSPECT SPECIAL OPS STEPS IN ACCORDANCE WITH LAZ-TEC ICA DOC LT-15204
9 429-EC-200M-1 (12M)	AIRCOMM CABIN AIR CONDITIONING SYSTEM - PERFORM 12 MONTH INSPECTION IN ACCORDANCE WITH AIR COMM AIR CONDITIONER SERVICE MANUAL 429-EC-200M-1
10 429H-201M-1 (12M)	AIRCOMM CABIN HEATER SYSTEM PROVISIONS AND COMPONENTS - PERFORM 12 MONTH INSPECTION IN ACCORDANCE WITH AIR COMM HEATER SERVICE MANUAL 429H-201M-1
11 530062-ICA	PERFORM ANNUAL INSPECTION OF AUTOMATIC DOOR OPENERS AS PER AERONAUTICAL ACCESSORIES INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, DOCUMENT #AA-09074
12 530072-ICA	INSPECT HARDPOINT, FLOOR SPOTTER AND CEILING SPOTTER FIXTURES FOR SCRATCHES, NICKS, CRACKS AND CORROSION IN ACCORDANCE WITH LAWSSON AEROSPACE LLC INSTRUCTIONS FOR CONTINUED AIRWORTHINESS (ICA) FOR HARDPOINT FIXTURE KIT 429-150-001, CEILING SPOTTER FIXTURE KIT 429-150-002, FLOOR SPOTTER FIXTURE KIT 429-150-003 REPORT NUMBER AA-09044 SECTION 4.0 AND APPENDIX A.
13 530093-ICA	INSPECT THE CONDITION OF DOOR OPENERS INCLUDING SCRATCHES, CRACKS OR DEFORMATIONS IN ACCORDANCE WITH SECTION C, 2.1 AND TABLE C-1 OF AERONAUTICAL ACCESSORIES INSTRUCTIONS FOR CONTINUED AIRWORTHINESS (ICA) REPORT NO. AA-09074 FOR DOOR OPENERS STC SR00707DE
14 530094-ICA	INSPECT THE SECURITY DOOR OPENER INCLUDING FASTENERS, STRUTS AND BRACKETS IN ACCORDANCE WITH SECTION C, 2.1 OF AERONAUTICAL ACCESSORIES INSTRUCTIONS FOR CONTINUED AIRWORTHINESS (ICA) REPORT NO. AA-09074 FOR DOOR OPENERS STC SR00707DE
15 963242-ICA	CAPACITY TEST BATTERY (44 AMP BATTERY) Date of Service: 10-Mar-21
16 621000	INSPECT LOWER MAIN ROTOR YOKE ASSEMBLY
17 621000	INSPECT UPPER MAIN ROTOR YOKE ASSEMBLY

THE FOLLOWING ADDITIONAL MAINTENANCE WAS ACCOMPLISHED:

1	Install AAI Removable Dual Pedal Kit. Update Note: Completed Installation Per Laz-Tec Install instructions 429-928-001. See form 337 for detail.
2	Install latest Bolt version at Lower MR PC Links and Cyclic Control to Swashplate Inner Ring. Update Note: Installed New Bolts PN: 20-114CSP33AD at Lower MR PC Location and PN: 20-114CSP36AD at Swashplate Inner Ring/Cyclic positions.

THE FOLLOWING DISCREPANCIES WERE ACCOMPLISHED:

1 N53DE-210303-1	HEATER SYSTEM SNAP SWITCH BROKEN UNDER FOWARD PEDESTAL Corrective Action: Removed and Replaced Heater system snap switch under FWD pedestal. operational check good.
2 N53DE-210303-2	SWASHPLATE BEARING GUIDE BOLTS (2) FOUND DAMAGED. Corrective Action: Replaced 2 bolts (PN: 20-057C4-8) with new
3 N53DE-210305-1	SWASHPLATE TILT FRICTION TOO LOW. Corrective Action: Adjusted Friction to 28LBS. Friction check due again in 10-25hrs.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (f)(3) AND APPROVED FOR RETURN TO SERVICE.

TECHNICIAN

 TROY E SNOW
 Signed on 10-Mar-2021 14:07 UTC

Certificate #: A&P _____

INSPECTOR

 CRAIG SCHNITZLER
 Signed on 10-Mar-2021 14:17 UTC

Certificate #: FIS INSPECTOR _____



4620 FIRST FLIGHT DRIVE
CHARLOTTE, NC 28208

REGISTRATION: N53DE
ENG # 1 PART: PW207D1
ENG # 2 PART: PW207D1
DATE: 19-Feb-21

MODEL: BELL 429
ENG # 1 MODEL: PW207D1
ENG # 2 MODEL: PW207D1
WORKORDER #:

S/N: 57380
ENG # 1 S/N: PCE-BL0795
ENG # 2 S/N: PCE-BL0796

A/C	HRS:	AFL:	AROT:	RTCY:	ROL:		
ENG 1	265.1	313	0	220	0		
	HRS: 265.1	ENC: 244	ENS: 202	IMPCYC: 111	CTCYC: 210	PTCYC: 223	
ENG 2	HRS: 265.1	ENC: 244	ENS: 202	IMPCYC: 114	CTCYC: 225	PTCYC: 223	

THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

TASK NUMBER	DESCRIPTION
1 05-40-00-28A-281A	1-MONTH INSPECTION - SCHEDULED INSPECTIONS

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TECHNICIAN



Certificate #:



TROY E SNOW
Signed on 22-Feb-2021 17:36 UTC