

CHANGES BASED ON BELL 429 MPI : PMC-429-97499-01000-00, ISSUE NO. 006, 2021-04-15 - CHAPTER 05

1. All highlighted in 200 hours task updated in aeronet. Refer Af 200 Hrs Insp worksheet item 1 to 7.

HIGHLIGHTS

(DMC-429-A-00-00-00-00A-00UA-A, Issue 006 - 2021/04/15, ECCN EAR99)

The listed changes are introduced in issue 006, dated 2021-04-15, of this publication.

C = Changed data module, N = New data module

N/C	Data module
Front matter:	
C	DMC-BHT-A-00-00-00-00A-011A-A , Customer support and services - Function
Introduction:	
C	DMC-BHT-A-00-00-00-00A-018A-A , Use of a S1000D publication - Introduction
Chapter 05 - Inspections:	
C	DMC-429-A-05-40-00-35A-281A-A , Scheduled Inspections - 200-Hour Inspection
C	DMC-429-A-05-40-00-14A-281A-A , Scheduled Inspections - 8-Year Inspection
C	DMC-429-A-05-40-00-18A-281A-A , Scheduled Inspections - 8000-Hour Inspection
C	DMC-429-A-05-40-00-01A-028A-A , Scheduled Component Inspections - General

End of data module

NOTE

To be performed every 200 hours of operating time.

GENERAL

1. Review helicopter log book and make sure that all recorded discrepancies have been corrected.
2. Do all necessary airworthiness directives.
3. Make sure that life limited parts do not exceed service life.
4. Do all necessary lubrication tasks.
5. Do all miscellaneous inspections, as necessary.
6. Do all inspection tasks for installed BHT kits not included in this inspection, as necessary.
7. Record accomplishment of this inspection in the helicopter log book.

[DMC-429-A-04-00-00-00A-00SA-A](#)

[DMC-429-A-12-00-00-00A-00SA-A](#)

[DMC-429-A-05-40-00-22A-281A-A](#)

[DMC-429-A-99-00-00-00A-00SA-A](#)

2. All highlighted in 8 Years task updated in aeronet. Refer Af 8 Year Insp worksheet item 1 and 18.

PREPARATION TASKS			
DMC-429-A-06-40-00-00A-030A-A	1. Remove panels 200BL, 200BR, 200CC, 200DL, 200EL, 200F, 500F, and 500G.		
TAIL ROTOR DRIVE SYSTEM			
DMC-429-A-65-00-00-02A-310A-A 6520LA-01	1. Do a detailed inspection of the bonding strap attached to the tail rotor gearbox.	500G, 500F	510
ZONAL INSPECTIONS			
200-11E-01	1. Do a general visual inspection of the wiring in the area of the fuel system components and lines.	200F	216
200-05	2. Do a general visual inspection of the center pedestal area.	200DL, 200EL	212
300-04	3. Do a general visual inspection of the external areas of the center cabin underfloor, to include belly panels but not cargo hook and dual cargo hook fairings.	N/A	311
300-11	4. Do a general visual inspection of the internal areas of the center cockpit underfloor, to include keel beams (skid landing gear only).	200CC	314
300-12	5. Do a general visual inspection of the external areas of the center cockpit underfloor, to include access panels.	N/A	314
300-13	6. Do a general visual inspection of the forward crosstube portions that are located inside the airframe under floor and aft crosstubes.	200BL, 200CC, 200BR	317, 318
COMPLETION TASKS			
DMC-429-A-06-40-00-00A-030A-A	1. Install panels 200BL, 200BR, 200CC, 200DL, 200EL, 200F, 500F, and 500G.		

3. All highlighted in 8000 hours task updated in aeronet. Refer Af 8000 Hours Insp worksheet item 9.

DMC-429-A-99-00-00-00A-00SA-A	6. Do all inspection tasks for installed BHT kits not included in this inspection, as necessary. 7. Record accomplishment of this inspection in the helicopter log book. PREPARATION TASKS		
DMC-429-A-06-40-00-00A-030A-A	1. Remove panels 100DL, 200AL, 200AR, 200F, and 400B. DC POWER SYSTEM		
DMC-429-A-96-00-00-11A-310A-A 246003	1. Do an operational check of the non-essential bus feeder diodes (2430CR2 and 2430CR3).	200AL, 200AR, 200F	216
DMC-429-A-96-00-00-11A-310A-A 246002	2. Do an operational check of the emergency bus feeder diodes (2450CR1 and 2450CR2).	200AL, 200AR, 200F	111
DMC-429-A-96-00-00-11A-310A-A 246005	3. Discard the bus interconnect disable relay (2430K7).	100DL	111
DMC-429-A-96-00-00-11A-310A-A 243001	4. Do a functional check of GRCUS (2430VR1 and 2430VR2).	400B	410
DMC-429-A-06-40-00-00A-030A-A	COMPLETION TASKS 1. Install panels 100DL, 200AL, 200AR, 200F, and 400B.		

4. SCHEDULED COMPONENT INSPECTIONS - (DMC-429-A-05-40-00-01A-028A-A, ISSUE 003 - 2021/04/15, ECCN EAR99)

MAIN ROTOR DRIVE SYSTEM		
Engine-to-transmission Driveshaft	206-340-300-105	5000 hours ⁽²⁾
Transmission Assembly	429-040-006-115	5000 hours
Mast Assembly	429-040-011-101	5000 hours
Mast Adapter Assembly	429-010-114-101	5000 hours
Main Rotor Drive Plate Assembly	429-010-109-101	5000 hours

a. MAST ADAPTER ASSEMBLY P/N 429-010-114-101 SN LP14 – included TBO 5000 hours in aeronet.

<input type="checkbox"/>				429-010-114-101 MAST ADAPTER ASSEMBLY [Limitation Type: Limited Life]	LP 14	Airframe Hours*	10000	50.0 Hours	00.00	00.00	10000.00	1876.30 Hours	* RT + 8123.30 Hours	
<input type="checkbox"/>				429-010-114-101 MAST ADAPTER ASSEMBLY [Limitation Type: Overhaul]	LP 14	Airframe Hours*	5000	50.0 Hours	00.00	00.00	5000.00	1876.30 Hours	* RT + 3123.30 Hours	

Edit Limitation (A/C: 9M-PEC) - AIRFRAME

Part Name: MAST ADAPTER ASSEMBLY
Part Number: 429-010-114-101
Serial Number: LP 14

@	Based On	Limitation Type	Finite Life	Period	Fitted@A/C Unit / Date On	TSN@Install	TSO@Install	Date Due Off	Warning	Unit	
	Airframe Hours	Limited Life	10000	10000	0.00	0.00	0.00		50.0	Hours	
	Airframe Hours	Overhaul	0	5000	0.00	0.00	0.00		50.0	Hours	

b. MAIN ROTOR DRIVE PLATE ASSEMBLY P/N 429-010-109-101 SN LP32 - included TBO 5000 hours in aeronet.

<input type="checkbox"/>				429-010-109-101 MAIN ROTOR DRIVE PLATE ASSEMBLY (Limitation Type: Limited Life)	LP 32	Airframe Hours*	10000	50.0 Hours	00.00	00.00	10000.00	1876.30 Hours	* RT + 8123.30 Hours	
<input type="checkbox"/>				429-010-109-101 MAIN ROTOR DRIVE PLATE ASSEMBLY (Limitation Type: Overhaul)	LP 32	Airframe Hours*	5000	50.0 Hours	00.00	00.00	5000.00	1876.30 Hours	* RT + 3123.30 Hours	

Part Name: MAIN ROTOR DRIVE PLATE ASSEMBLY											
Part Number: 429-010-109-101											
Serial Number: LP 32											
Position											
@	Based On	Limitation Type	Finite Life	Period	Fitted@A/C Unit / Date On	TSN@Install	TSO@Install	Date Due Off	Warning	Unit	🗑️
🗑️	Airframe Hours	Limited Life	10000	10000	0.00	0.00	0.00		50.0	Hours	🗑️
🗑️	Airframe Hours	Overhaul	0	5000	0.00	0.00	0.00		50.0	Hours	🗑️

GENERATOR SYSTEM

Starter Generator	206-062-200-141	1000 hours
	MAIN ROTOR	
Yoke Assemblies	429-010-103-105	5000 hours
Grip Assemblies	429-010-108-105	5000 hours

c. MAIN ROTOR GRIP ASSEMBLY P/N 429-010-108-105 - included TBO 5000 hours in aeronet.

<input type="checkbox"/>	🗑️	📄	429-010-108-105 MAIN ROTOR GRIP ASSEMBLY (Limitation Type: Overhaul)	-	Airframe Hours*	5000	50.0 Hours	1771:36	00:00	6771:36	104:54 Hours	+ 4895:06 Hours	⌘
<input type="checkbox"/>	🗑️	📄	429-010-108-105 MAIN ROTOR GRIP ASSEMBLY (Limitation Type: Overhaul)	-	Airframe Hours*	5000	50.0 Hours	1771:36	00:00	6771:36	104:54 Hours	+ 4895:06 Hours	⌘
<input type="checkbox"/>	🗑️	📄	429-010-108-105 MAIN ROTOR GRIP ASSEMBLY (Limitation Type: Overhaul)	-	Airframe Hours*	5000	50.0 Hours	1771:36	00:00	6771:36	104:54 Hours	+ 4895:06 Hours	⌘
<input type="checkbox"/>	🗑️	📄	429-010-108-105 MAIN ROTOR GRIP ASSEMBLY (Limitation Type: Overhaul)	-	Airframe Hours*	5000	50.0 Hours	1771:36	00:00	6771:36	104:54 Hours	+ 4895:06 Hours	⌘

Edit Limitation (A/C: 9M-PEC) - AIRFRAME											
Part Name: MAIN ROTOR GRIP ASSEMBLY											
Part Number: 429-010-108-105											
Serial Number: -											
Position											
@	Based On	Limitation Type	Finite Life	Period	Fitted@A/C Unit / Date On	TSN@Install	TSO@Install	Date Due Off	Warning	Unit	🗑️
🗑️	Airframe Hours	Overhaul	0	5000	1771.60	0.00	0.00		50.0	Hours	🗑️
🗑️	Airframe Hours	Overhaul	0	5000	1771.60	0.00	0.00		50.0	Hours	🗑️
🗑️	Airframe Hours	Overhaul	0	5000	1771.60	0.00	0.00		50.0	Hours	🗑️
🗑️	Airframe Hours	Overhaul	0	5000	1771.60	0.00	0.00		50.0	Hours	🗑️