

SERVICE BULLETIN: # SB-R02

DATE: 05 October 2015

TO: CH77Ranabot

AFFECTED PRODUCTS: CH77 Ranabot

PRODUCTS / SERIALS: from S/N 002 to 044

SUBJECT: ARMS CLUTCH

INSPECTION: Request next 100 hours inspection placement Arms Clutch but not after 31 January 2016, provided that it is checked on next pre-fly check

REPLACEMENT: Mandatory

COMPLIANCE PROCEDURE:

1)Planning Information

1.1 Reason:

An installation without bushings imposes a too precision closure of the bolt(11) , an excessive closure may damage and prevent the correct operation of the clutch system.

1.2 Subject:

Replacing arms clutch version

1.3 Compliance

Request within the next 100 hours inspection the replacement Clutch Arms, but not after 31 January 2016, provided that it is checked for proper functioning of the system in the next pre-flight inspection. The replacement kit Arm: left arm P / N 5600472SX- right arm P / N5600472DX -N ° 2 BoccolaP / N BOCC CASTELLOv2-N ° 2 boccolaP / N BOCC CASTELLOv2b identified in S / N 002044, must be in accordance with the instructions installation that follows in section 3.

WARNING: Do not apply there instructions could result aircraft damage , personal injury or death

2) Material-cost and availability

Prices and availability will be supplied CH7 Helisport HELICOPTER, Authorized Sellers or CH7 SERVICE CENTER

2.1 The Company

Shipping costs, downtime, loss of income, telephone costs etc., labor, additional work, will not be borne or reimbursed CH7 Helisport HELICOPTER.
if they are returned before the old arms will apply discounted kit Arm

2.2 Material required parts:

P/N	Qty	Description
5600472SX-	1	ARM left
5600472DX	1	Arm right
BOCC CASTELLOv2	2	Bushing
BOCC CASTELLOv2b	2	Bushing
AN21083-N4	2	Nut
AN21083-N5	1	Nut

2.4) Special tooling/lubricant/adhesives/sealing compound

lubricant Ptf

2.5) Rework of parts

none

3) Instructions

Before maintenance, review the entire documentation to understand exactly the procedures and requirements to avoid errors,

They must be taken and confirmed all the measures by the following persons or facilities:

CH7 Helisport HELICOPTER

CH7 SERVICE CENTER

People approved by CH7 Helisport HELICOPTER

WARNING: Proceed with the work in the no- smoking area and not close to sparks or open flames make sure the main switch of the aircraft is off and there is no way of turning on accidentally.

Disconnect the battery negative connector

CAUTION: Risk of scalding and burns, let the engine cool enough enough and use appropriate safety gear while performing work

3.1 Replacement Arms Clutch

see attached table: TAV.MAK8D

1) remove the left arm (16) and right (17)

2) clean all parts before reassembling

NOTE: inspect the bolt for wear(11) replace if worn

WARNING: Ability to assembly in reverse side components (16-17) that being asymmetric must be installed in accordance with the construction manual and maintenance on page 15/05 TAV.MAK8D

WARNING: Ability to mount reverse side the component (18) being asymmetrical must be installed in accordance with the construction manual and maintenance on page 15/05 TAV.MAK8D

NOTE: Close the Nut with the tightening torque as AN nuts requires, in accordance with the construction manual and its maintenance

3) Install the bushing (20) with lubricant PLF

4) replace nuts (13) (14)

5) Restore the aircraft to original operating configuration

in accordance with the relevant construction/ maintenance manuals

6)Connect the negative battery connector

3.2 Test

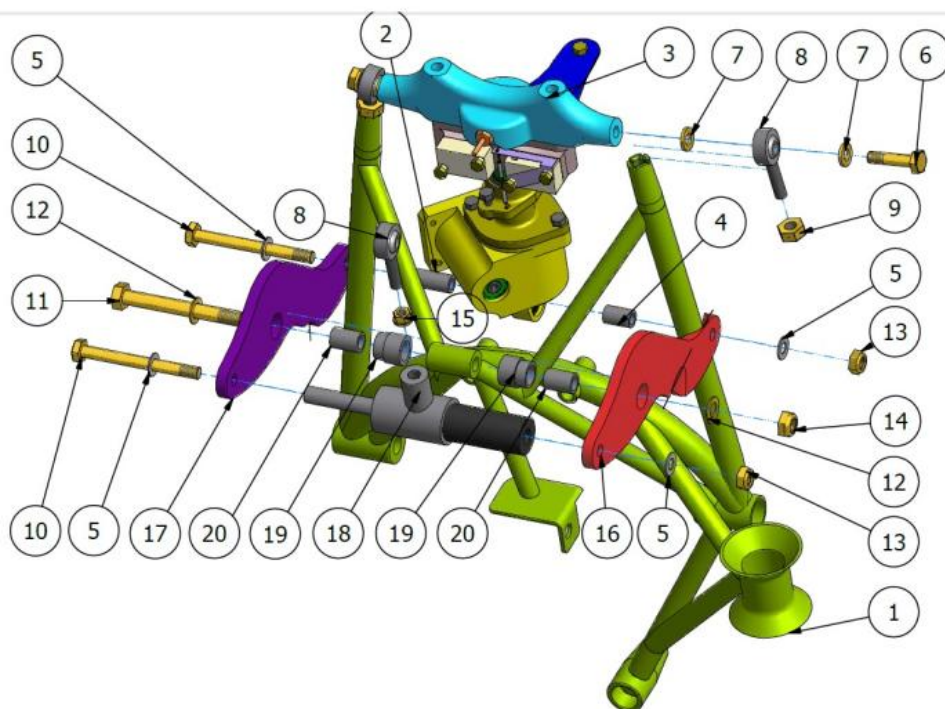
conduct a test of the complete cycle of the clutch system, check and adjust the timing of cycle engage 90°in accordance with the construction manual and its maintenance

3.3 Summary

These instructions (section3) must be completed in accordance with section 1.3 Compliance.

The application of this bulletin is to be transcribed on the aircraft maintenance log.

Approval translation- in any case the original test in Italian language and metric units (SI-system) are authoritative



TAV.MAK8D

ELENCO PARTI - PARTS LIST			
N°	QTY	NUMERO PARTE - PART NUMBER	DESCRIZIONE - DESCRIPTION
1	1	CH7011010k77	FRONTAL ENGINE SUPPORT/CASTELLO MOTORE ANTERIORE
2	1	BOCC MOTORE DX	BUSHING ENGINE RIGHTSIDE / BOCCOLA MOTORE DX
3	1	5600370	KIT CLUTCH ASSEMBLY/GRUPPO CLUTCH ASSEMBLATO
4	1	BOCC MOTORE SX	BUSHING ENGINE LEFT SIDE/BOCCOLA MOTORE SX
5	4	AN960-416L	RONDELLA /WASHER
6	2	AN4-11A	VITE / BOLT
7	4	AN960PD416	RONDELLA /WASHER
8	3	MEK	BEARING/UNIBALL
9	2	NAS-509	DADO / NUT
10	2	AN4-25A	VITE / BOLT
11	1	AN5 -25A	VITE / BOLT
12	2	AN960-516L	RONDELLA / WASHER
13	2	MS21083-N4	DADO / NUT
14	1	MS21083N5	DADO / NUT
15	1	MS21042-4	DADO / NUT
16	1	5600472SX	LEFT ARM CLUTCH/BRACCIO SINISTRO CLUTCH
17	1	5600472DX	RIGHT ARM CLUTCH/BRACCIO DESTRO CLUTCH
18	1	CH77444000	
19	2	BOCC CASTELLOv2	
20	2	BOCC CASTELLOv2b	

CH7 Helicopter Heli-Sport srl

PROGETTO / PROJECT
CH 77

GRUPPO N° / GROUP N°
05

FASE / STEP
08

TAVOLA N° / FIGURE N°
MAK8D

TAV.MAK8D