

EAGLE TECHNICAL BULLETIN

REF. TCCA STC: SH14-47
REF. FAA STC: SR03496NY

Eagle Technical Bulletin Number: **TB-E407-789-15**

Purpose: To allow the optional start switch upgrade.

Eligible Serial Numbers: All - with SR09239RC installed.

Compliance: Mandatory when SR09239RC is installed

Description:

This Technical Bulletin provides installation information for the 407HP installation as it applies to Bell 407 aircraft with Aeronautical Accessories Inc. Pulse Light Kit installed per STC SR09239RC.

Table 1 - Parts to be removed from E407-789-011 Kit

QTY	PART NUMBER	DESCRIPTION
1	0789-03-114-1	PANEL
1	0789-02-096-1	PANEL ASSEMBLY, INTEGRALLY LIT, COLLECTIVE SWITCH BOX

Table 2 - Parts required for this modification

QTY -011	PART NUMBER	DESCRIPTION
X	TB-E407-789-15-011	COLLECTIVE HEAD SWITCH PANEL UPGRADE KIT
1	0789-02-158-1	DISPLAY PANEL ASSEMBLY, COLLECTIVE
1	0789-02-159-1	SWITCH PLATE ASSEMBLY, COLLECTIVE
1	MS24525-30*	TOGGLE SWITCH, STARTER

* Add part for 407HP Starter Switch Upgrade.


CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 18.08.09
CERT. NO.: SH14-47
ISSUE NO.: 1

APPROVED

A	NEW ISSUE	PM	18.08.09
REV.	DESCRIPTION	BY	DATE
DESIGN	PM	EAGLE COPTERS LTD CALGARY, ALBERTA, CANADA	
DRAWN	PM		
CHECKED	KTB	DRAWING NO.	REV. A
MFG. APPR.	JD	TB-E407-789-15	SHEET 1 OF 4
APPROVED	WK	TITLE	SCALE
DE APPR.	DS 	COLLECTIVE SWITCH PANEL	NTS
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Procedure:

1. Ensure power supply is switched off and disconnected. Remove the P/N 407-799-101 Overlay Panel Assembly and P/N 407-798-122 Panel.
2. Remove P/N A218-100646-04 4 Way Switch, P/N MS24523-21 Landing Light Switch, P/N MS24523-21 Forward Recog Light Switch and P/N MS27407-6 Start Switch from the Panel.
3. Disconnect electrical connections from the Start Switch only and remove the switch.
4. Install P/N MS24525-30 Start Switch on the 0789-02-159-1 Switch Plate Assembly per Figure 1.
5. Install the previously removed (in step 2) 4 Way Switch, Landing Light Switch and Forward Recog Light Switch on the 0789-02-159-1 Switch Plate Assembly per Figure 1.
6. Connect wiring to Start Switch per IIN-E407-789 and wiring diagram 0789-14-001.
7. Install 0789-02-159-1 Switch Plate Assembly with Switches installed on the collective head using existing hardware per Figure 1.
8. Install 0789-02-158-1 Display Panel Assembly on the collective head using existing hardware per Figure 1.
9. Make entry into aircraft technical reports to indicate TB-E407-789-15 has been completed.
10. Notify Eagle Copters that this Technical Bulletin has been accomplished by filling in the attached form (Sheet 4) and emailing it to Eagle Copters.

Weight and Balance:

The incorporation of this TB has a negligible effect on the aircraft weight and balance.

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MFG. APPR.	JD	TB-E407-789-15	SHEET 2 OF 4
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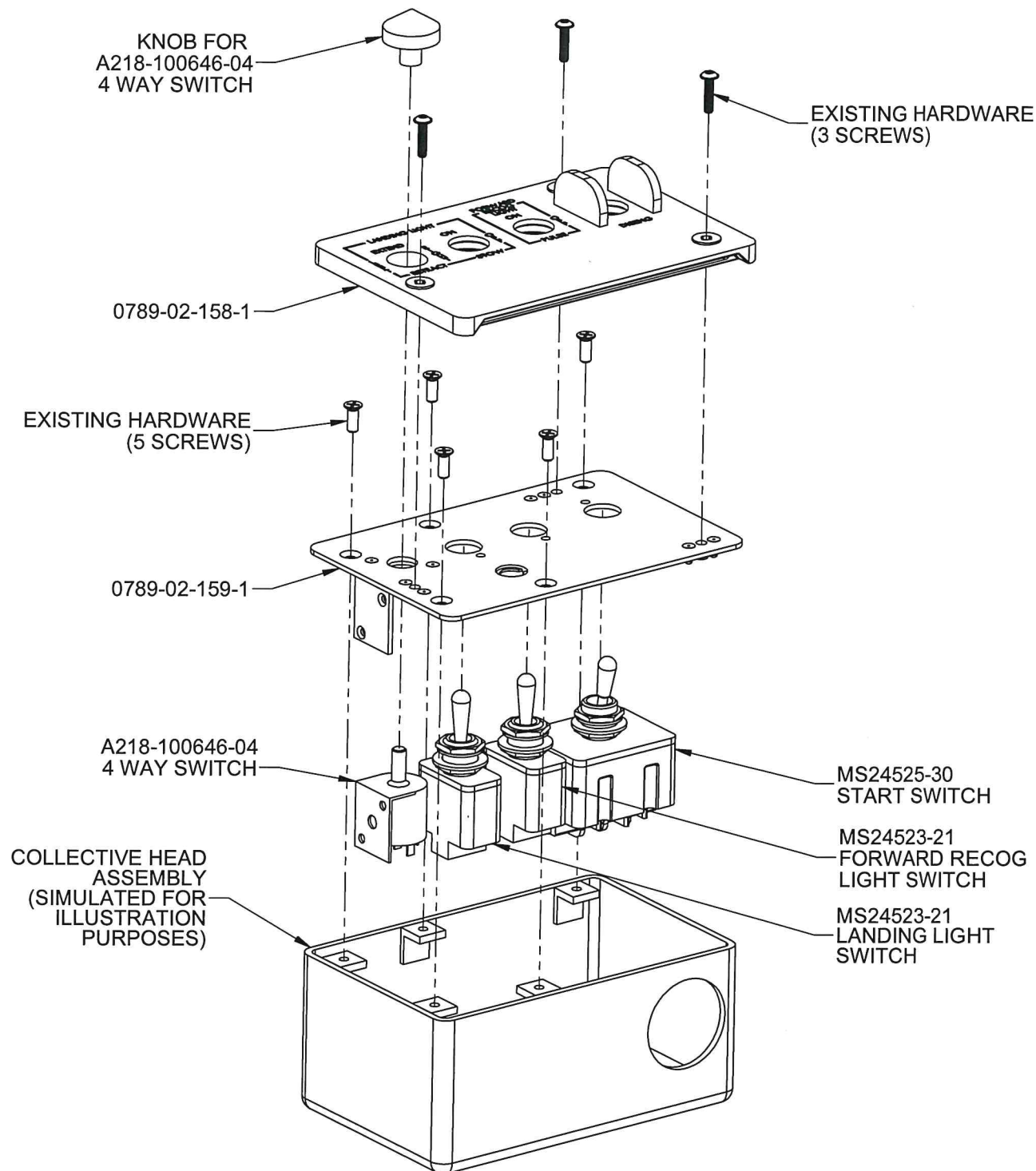


FIGURE 1: START SWITCH UPGRADE COMPONENTS INSTALLATION

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D. SHEPHERD (DE # 02)

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NOTIFY EAGLE COPTERS THAT THE TB-E407-789-15 HAS BEEN INCORPORATED INTO THE AIRCRAFT LISTED BELOW.

AIRCRAFT SERIAL NUMBER: _____


AIRCRAFT OWNER: _____

DATE TB-E407-789-15 WAS INCORPORATED ON THE ABOVE AIRCRAFT:

SIGNATURE OF PERSON RESPONSIBLE FOR ENTRY INTO AIRCRAFT TECHNICAL RECORD:

PRINT NAME OF PERSON RESPONSIBLE FOR ENTRY INTO AIRCRAFT TECHNICAL RECORD:

Email this page to: jdjorg@eaglecopters.com

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