

NORMAL

MWO 55-1520-211-20/6

DEPARTMENT OF THE ARMY MODIFICATION WORK ORDER

INSTALLATION OF EXTERNAL STORES KIT (204-706-035-3)

(UH-1B AIRCRAFT)

See e1

Department of the Army, Washington 25, D. C.

10 June 1963

Who will accomplish:

Second echelon maintenance activities. NOTE: CONUS, accomplishment will be controlled by fourth echelon activities maintaining configuration control data, located at Atlanta, New Cumberland, Fort Worth, and Sharpe; overseas, as directed by the oversea commander.

When to accomplish:

Upon receipt of kits, UH-1B in support of authorized TOE, TA, as directed by CONARC/Theater Commander.

Form entry:

DA Form 2407 (Maintenance Request), DA Form 2408-5 (Equipment Modification Record), DA Form 2408-13 (Aircraft Inspection and Maintenance Record).

Stock affected:

No.

Aircraft affected:

Serial number

61-686 and subsequent

1. **Purpose.** To provide support for external stores.
2. **Modification data (TWX AMCPM-1R-1-1054).** a. Install left-hand external stores support assembly (204-071-530-3) to exterior hard points on left side of helicopter fuselage as follows:
 - (1) Position support assembly (204-071-530-3) with relation to fuselage as shown on figure 1.
 - (2) Align attachment holes in forward and aft beams of support assembly (204-071-530-3) with existing holes in hard points.
 - (3) Secure support assembly (204-071-530-3) to hard points with 4 clevis bolts (AN25-26); 4 washers (AN960-PD516); and 4 nuts (AN320-5).

27 JUN 1963

MWO 55-1520-211-20/6

DEPARTMENT OF THE ARMY MODIFICATION WORK ORDER

INSTALLATION OF EXTERNAL STORES KIT (204-701-530-3)

(U-10 AIRCRAFT)

Department of the Army, Washington 25, D.C.

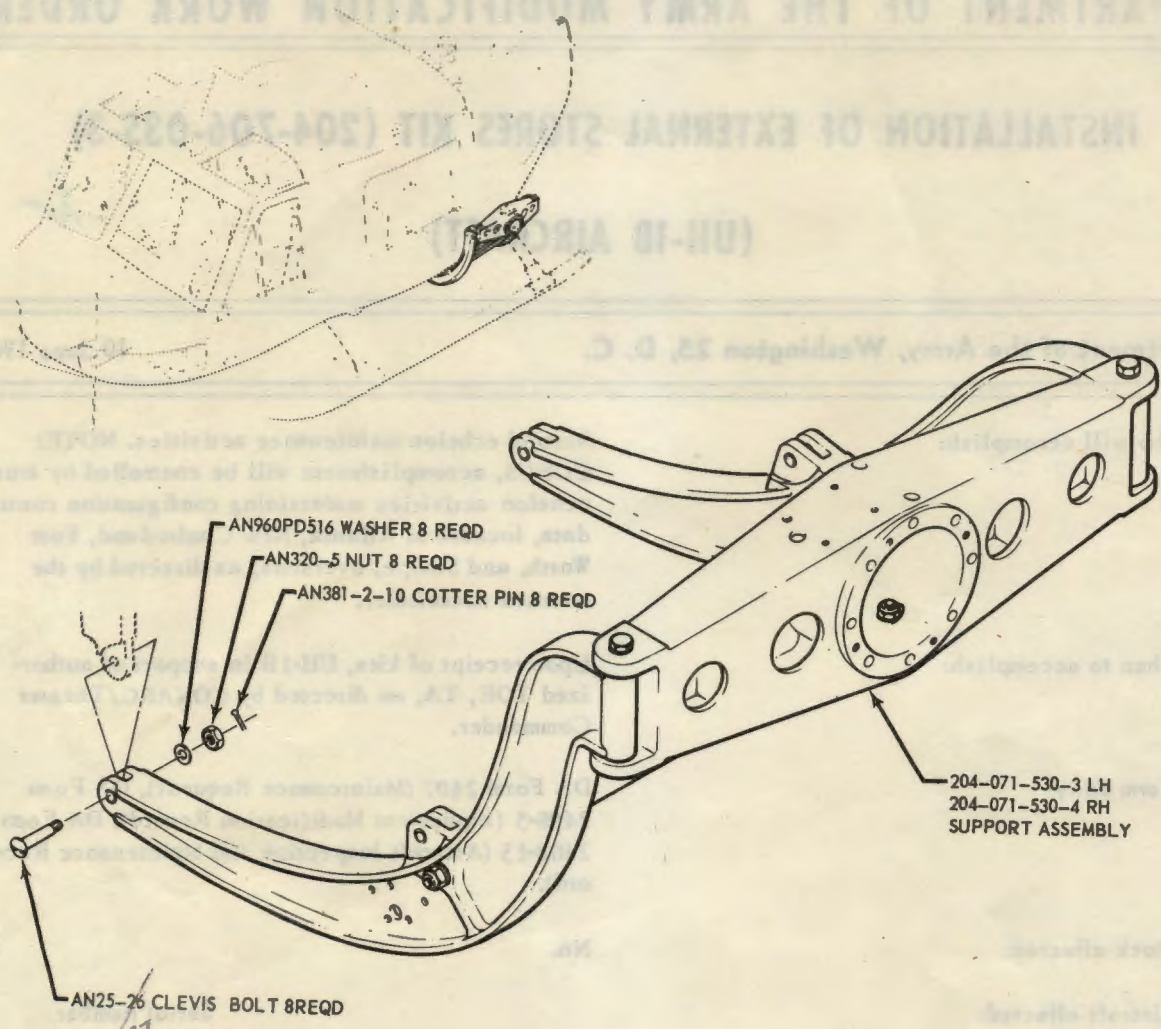


Figure 1. External stores rack.

(4) Fasten 4 nuts (AN320-5) onto 4 bolts (AN25-²⁷~~26~~) with 4 cotter pins (AN381-2-10).

b. Install right-hand external stores support assembly (204-071-530-4) to exterior hard points on right-side of helicopter as outlined for left-hand assembly (204-071-530-3). (Refer to a(1) through (4).)

3. Supply data. a. *Parts required per aircraft.* The following parts will be requisitioned by affected activities as a complete kit in accordance with SB 1-15-9.

Quantity	Stock number	Part number	Nomenclature
1	1560-960-4045	204-706-035-3	Kit - External Stores Support
1		204-071-530-3	Support assembly, L.H.
1		204-071-530-4	Support assembly, R.H.
8		AN25- 26 ²⁷	Clevis bolt
8		AN320-5	Nut
8		AN381-2-10	Cotter pin
8		AN960PD516	Washer

b. *Action required on items in stock.* Not applicable.

c. *Parts required to modify items in stock.* Not applicable.

d. *Disposition of removed parts.* Not applicable.

e. *Size and weight of kit.*

Size	Weight
28 x 30 x 48 inches (approx.)	80 pounds (approx.)

4. *Kit installation tools.* Not applicable.

5. *Man-hours required.* Approximately 1/2 man-hour and a minimum crew of 2 men will be required per aircraft to accomplish the installation of this kit.

6. *Weight and balance information.*

a. <i>Change in basic weight.</i>	+63.1 pounds.
b. <i>Moment arm.</i>	136-inches
c. <i>Change in basic moment.</i>	8584 inch-pounds/constant.
d. <i>Chart "A" entry.</i>	Not applicable.
e. <i>Chart "C" entry.</i>	

Weight change	Moment arm	Moment constant
+63.1 pounds	136-inches	8584 inch/pounds

By Order of the Secretary of the Army:

EARLE G. WHEELER,
General United States Army,
Chief of Staff.

Official:

J. C. LAMBERT,
Major General, United States Army,
The Adjutant General.

DISTRIBUTION:

To be distributed in accordance with DA Form 12-31 requirements for organizational Maintenance Instructions for UH-1 aircraft.

Part number	Stock number	Quantity
204-511-210-1		1
204-511-210-2		1
204-511-210-3		1
204-511-210-4		1
204-511-210-5		1
204-511-210-6		1
204-511-210-7		1
204-511-210-8		1
204-511-210-9		1
204-511-210-10		1
204-511-210-11		1
204-511-210-12		1
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