

LO 5-3610-253 12

13 SEPTEMBER 1983

TOPOGRAPHIC SUPPORT SYSTEM

FINISHING SECTION

MODEL ADC-TSS-16

NSN : 3610-01 -105-6443

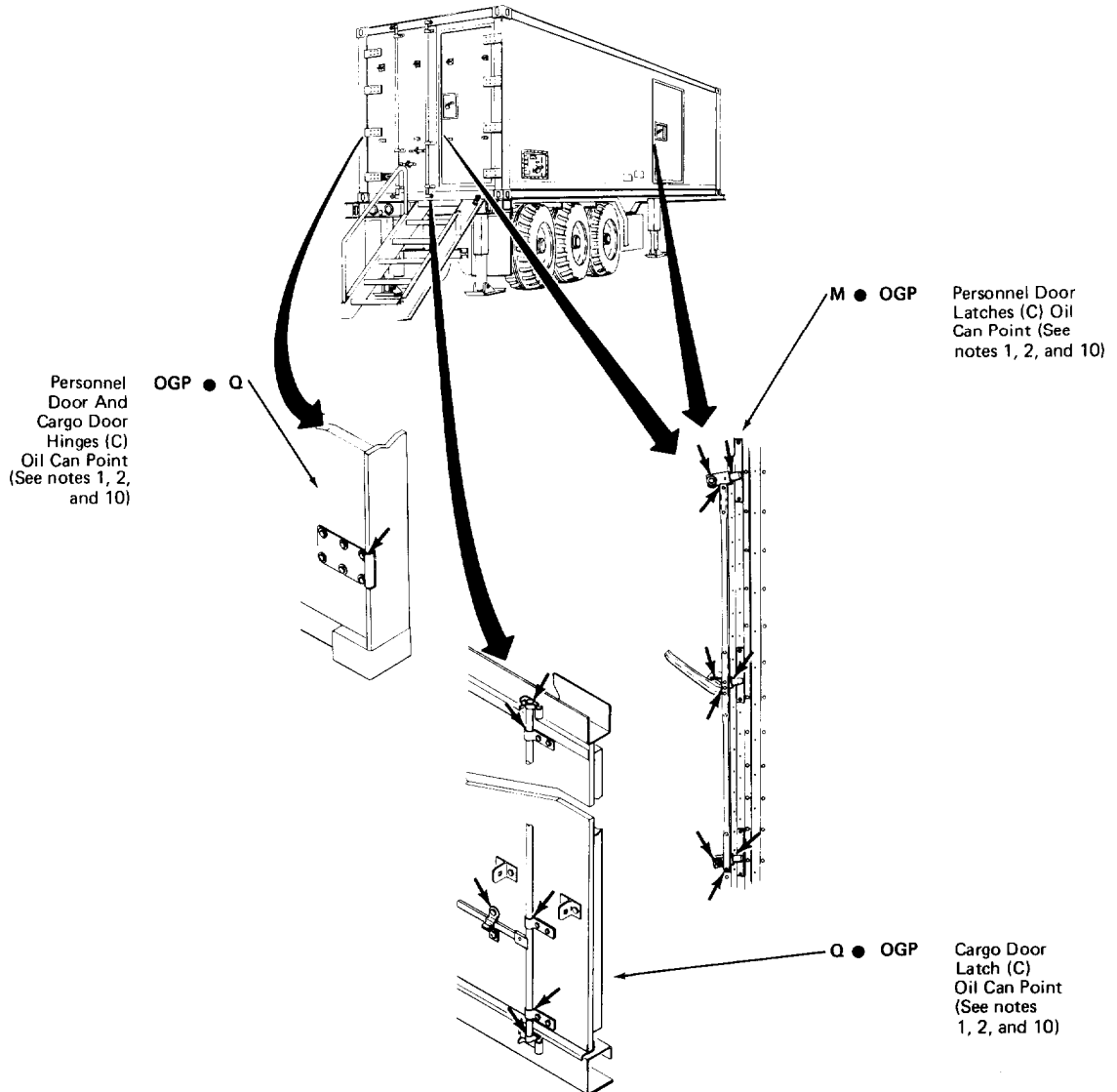
Reference TM 5-3610-253-14 and C9100-IL

Intervals and the related manhour times are based on normal operation. The manhour time specified is the time you need to do all the services prescribed for a particular interval. Decrease the interval and lubricate more frequently if your lubricants have been contaminated or you are operating under adverse conditions, including longer-than-usual operating hours. The intervals between lubrications may be extended

during periods of low activity, but only if adequate preservation precautions have been taken. The lowest level of maintenance authorized to lubricate a point is indicated by one of the following symbols: Operator/Crew (C) and Organizational Maintenance (O). Clean all fittings, plugs, and caps before removal and/or lubrication. Remove all excess oil or grease after lubrication. If possible, exercise moving parts to distribute lubricant evenly. Lubricate all external oil can points after washing or fording.

LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT



LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT

Guillotine Paper
Cutter (C) Grease
Fittings (See notes
1, 4, and 5)

GAA ● W

W ● GAA

Guillotine Paper
Cutter (C) Grease
Fittings (See notes
1, 4, and 5)

W ● GO-90

Backgauge
Lubricating
Screw (C)
(See note 7)

Gear Box (C)
Change oil
(See note 9)

GO-90 ● M

W ● GO-90

Gear Box (C)
Check oil level
(See note 8)

LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT

Guillotine Paper
Cutter (C) Grease
Fittings (See notes
1, 4, and 5)

GAA ● W

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Guillotine Paper
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Backgauge
Lubricating
Screw (C)
(See note 7)

Gear Box (C)
Change oil
(See note 9)

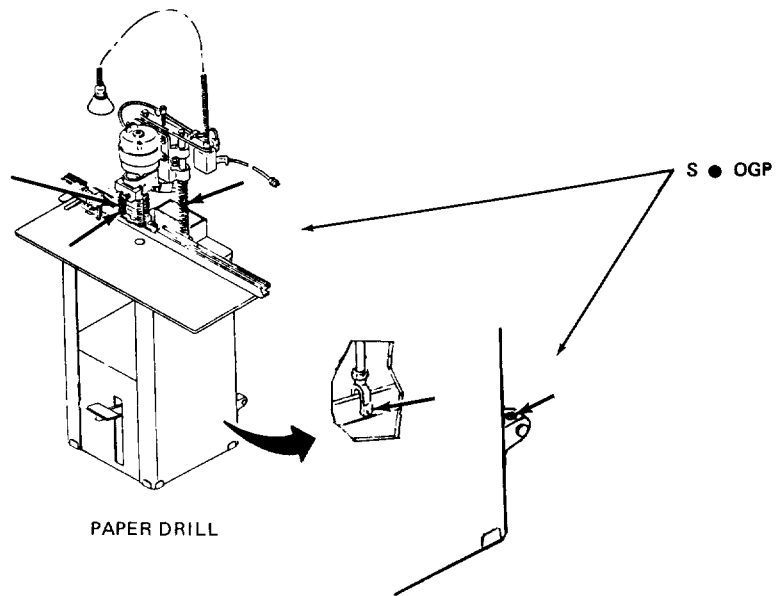
GO-90 ● M

W ● GO-90

Gear Box (C)
Check oil level
(See note 8)

LUBRICANT ● INTERVAL

INTERVAL ● LUBRICANT

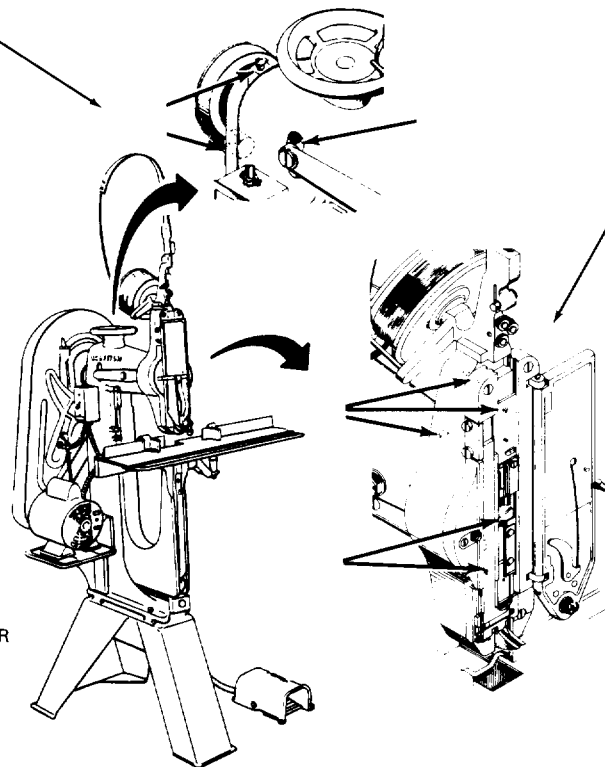


S ● OGP Paper Drill (C)
Oil Can Point
(See notes 1, 2,
and 10)

PAPER DRILL

Paper Stitcher (C)
Oil Can Points
(See notes 1, 2,
and 10)

OGP ● W



W ● OGP

Paper Stitcher (C)
Oil Can Points
(See notes 1, 2,
and 10)

PAPER STITCHER

TOTAL MAN - HR		TOTAL MAN - HR	
<u>INTERVAL</u>	<u>MAN - HR</u>	<u>INTERVAL</u>	<u>MAN - HR</u>
W	0.7	M	0.55
Q	0.6	S	0.25

KEY

LUBRICANTS			EXPECTED TEMPERATURES	INTERVALS
OGP (MIL-L-7870)	LUBRICATING OIL, GENERAL PURPOSE, LOW TEMPERATURE	CARGO DOOR HINGES	All Temperatures	M MONTHLY
		PERSONNEL DOOR LATCHES		Q QUARTERLY
		CARGO DOOR LATCHES		W WEEKLY
		RETRACTABLE STEP HINGE		S SEMI- ANNUALLY
		EXHAUST FAN COVER		
		AIR VENT HINGE		
		PAPER DRILL MOTOR SLIDES		
		PAPER DRILL TREADLE HINGE		
		PAPER STITCHER HEAD		
		PERSONNEL DOOR HINGES		
GAA MI L-G-10924)	GREASE , AUTOMOTIVE AND ARTILLERY	PAPER CUTTER GREASE FITTINGS		
OHT MI L-H-6083)	HYDRAULIC FLUID, PETROLEUM BASE. PRESERVATIVE	PAPER CUTTER HYDRAULIC RESERVOIR		
GO-90 MI L-L-2105)	LUBRICATING OIL, GEAR, MULTIPURPOSE	PAPER CUTTER GEAR BOX		
		PAPER CUTTER BACKGAUGE		

NOTES

Before lubricating, wipe all points free of dirt, grease or dust.

Wipe all surplus 011 from surfaces after lubrication.

When lubricating hinges, be sure oil covers entire length of hinge.

Apply two grease gun strokes to each grease fitting.

Wipe all excess grease from fittings after lubricating.

Check for presence of hydraulic fluid insight glass. If hydraulic fluid is not present insight glass add fluid. To add hydraulic fluid, remove main drive belt guard. Remove inspection cover and carefully remove gasket, Add OHT (MIL-H-6083) hydraulic fluid to reservoir until level is visible insight glass, Reinstall belt guard.

Be sure lubricating screw cartridge is full of GO-90 (MIL-L-05) lubricating oil, Move backgauge to its rear limit of travel, bile an assistant moves the backgauge forward, twist the handle the lubricating screw three turns,

Check the gear box sight glass for the presence of oil, If oil does not show in the sight glass, add GO-90 (MIL-L-2105) lubricating oil through the fill port located at the top of the gear box, until oil shows in the sight glass.

9. Change gear box oil monthly. Remove fill plug at top of gear box. Remove drain plug, located below sight glass, and drain oil. Reinstall drain plug. Add GO-90 (MIL-L-2105) lubricating oil until oil shows in the sight glass. Reinstall fill plug.

10. OIL CAN POINTS, In accordance with the intervals listed in this Lubrication Order, lubricate the Door Hinges and Latches, Step Hinges, Air Vent Hinge and Exhaust Fan Cover Hinge with OGP.

Copy of this Lubrication Order will remain with the equipment at all times; instructions contained herein are mandatory.

By Order of the Secretary of the Army

JOHN A. WICKHAM, JR.
*General, United State Army
Chief of Staff*

Official:

ROBERT M. JOYCE
*Major General, United States Army
The Adjutant General*

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25A, Operator maintenance requirements for Mapping.

