

DECALCOMANIA MOUNTING INSTRUCTIONS

1. MOUNTING:

Install on the left side of motor drive cover

2. APPLICATION:

- a. Clean surface on which the decalcomania is to be applied with SOLVENT, dry-cleaning (SD), and allow to dry.
- b. Brush or wipe a light coating of VARNISH, spar, clear, water-resisting, or LACQUER, clear over surface to which the decalcomania is to be applied and allow to dry.
- c. Dip decalcomania in water until surface will separate freely from the backing, then slide the decalcomania into designated position.
- d. Slide backing paper against face of decalcomania and rub surface with a light even pressure to eliminate air bubbles.
- e. Clean around edges of the mounted decalcomania with SOLVENT, dry-cleaning.

DISTRIBUTION: ACTIVE ARMY: Tec Svc, DA (1), Tec Svc Bd (1), CONARC (5), CONARC Bd (Incl ea Test Sec) (1), Army AA Comd (2), OS Maj Comd (5), OS Base Comd (5), Log Comd (5), MDW (1), Armies (5), Corps (2), Tng Div (2), Ft & Cp (2), Gen & Br Svc Sch (5), SigC Sch (25), Gen Depots (2), SigC Sec, Gen Depots (10), SigC Depots (20), POE (2), OS Sup Agencies (2), SigC Fld Maint Shops (3), SigC Lab (5), Mil Dist (1), Units organized under following TOE's: 7A, Inf Div (2), 11-7, Sig Co Inf Div (2); 11-15, Sig Bn, Corps or Abn Corps (2); 11-16A, Hq & Hq Co, Sig Bn, Corps or Abn Corps (2); 11-17A, Rad-Msg Cln Opr Co (2); 11-57, Armd Sig Co (2); 11-95, Sig Bn-Opr (2); 11-99, Msg-Cen Opr Co (2); 11-127, Sig Rep Co (2); 11-128A, Sig Depot Co (2); 11-500A (AA through AE), Sig Svc Org (2); 11-557A, Abn Sig Co (2); 11-587A, Sig Base Maint Co (2); 11-592A, Hq & Hq Co, Sig Base Depot (2); 11-597A, Sig Base Depot Co (2); 17A, Armd Div (2), 57, Abn Div (2). NG: Same as Active Army except allowance is one (1) copy to each unit. USAR: None. For explanation of abbreviations used see SR 320-50-1

LUBRICATION ORDER

LC 31S2-2TXC1-2

LO 11-2258

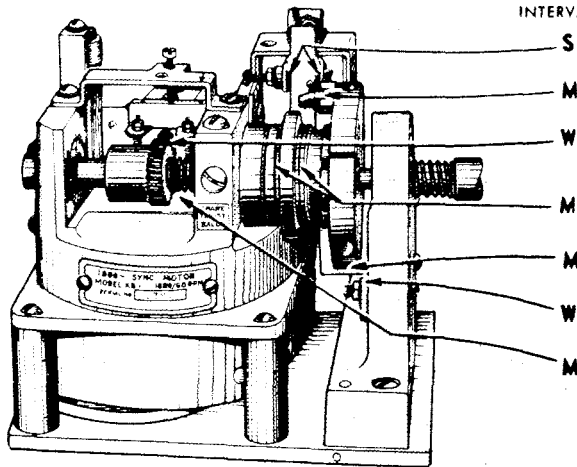
31 March 1955 (Supersedes LO 11-2258, 3 June 1954)

FACSIMILE SETS AN/TXC-1, AN/TXC-1A, AN/TXC-1B, AN/TXC-1C, AND AN/TXC-1D

Reference: TM 11-2258

Intervals given are maximum for normal 8-hour day operation. For abnormal conditions or activities, intervals should be shortened to compensate. Clean parts with SOLVENT, dry cleaning. Dry before lubricating.

CAUTION. This equipment employs high voltages that may be fatal if contacted by operating personnel. Use necessary precautions before servicing.



MOTOR AND CLUTCH ASSEMBLY
(Cover Removed)

—KEY—

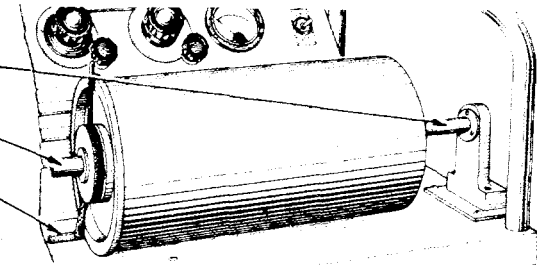
LUBRICANTS, ALL TEMPERATURES	INTERVALS
GL - GREASE, Aircraft and Instruments	D - Daily
PL - OIL, Lubricating, Preservative, Special	W - Weekly
OCW - OIL, Clock and Watch	M - Monthly
	S - Semiannually

INTERVAL — LUBRICANT

- S OCW Phase Magnet Armature Pivots
(Apply sparingly)
- M PL Dog Trip Arm
(One drop)
- W GL Motor drive, Worm and Gear
(Apply to gear teeth, run motor, and remove excess grease.
To lubricate gears on AN/TXC-1B, -1C, and -1D, remove gear case cover)
- M OCW Clutch Rings
(One or two drops. See note 2)
- M PL Secondary Clutch Dog Latch Pivot
(One drop)
- W GL Secondary Clutch Dog Latch Cam Plate
(Thin film on the cam surface)
- M PL Top Bearing on Motor (AN/TXC-1
and AN/TXC-1A only)
(One or two drops)

LUBRICANT — INTERVAL

- Drum Shaft and Keyway PL D
(Thin film)
- Lead Screw PL D
(Thin film. See note 1)
- Guide Rail PL D
(Thin film)



DRUM AND LEAD SCREW ASSEMBLY

NOTES:

- LEAD SCREW** - Clean monthly. With drum rotating, disengage the clutch. Slide drum to extreme right of lead screw. Cover screw with PL, then remove lubricant by holding lintless cloth against rotating lead screw. Again coat lead screw with PL, and allow drum to travel length of screw. Repeat this operation until wiping action of drum accumulates only clean oil at left end of lead screw.
- CLUTCH RINGS** - After lubrication, run the

motor at least 15 minutes with the clutch in a locked position. Measure the clutch tension and if it has not stabilized, repeat the running in process.

- DRIVE SHAFT BEARINGS, LEAD SCREW BEARINGS, AND MOTOR BEARINGS** - To be lubricated with GL, after disassembly, by Field or Base Maintenance.
- FAN BLOWER** - Units equipped with blower, lubricate blower bearings monthly with PL.

A copy of this Lubrication Order will remain with the equipment at all times; instructions contained herein are mandatory and supersede all conflicting lubrication instructions dated prior to the date of this Lubrication Order.

BY ORDER OF THE SECRETARY OF THE ARMY:

M. B. RIDGWAY,
General, United States Army,
Chief of Staff.

OFFICIAL:

JOHN A. KLEIN,
Major General, United States Army,
The Adjutant General.