

Lubrication of ART 1/2 Systems

General

1. Maintenance Note No. 7 describes the necessary lubrication of the ART 1/2 systems. Proper lubrication will extend drive assembly reliability and improve system tracking.
2. Effect on Other Instructions: None.

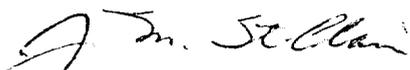
Procedure

The el tech is instructed to check the elevation and azimuth assemblies on a quarterly basis for any unusual sounds which might indicate defective components in the drive assemblies. Take immediate corrective action if feasible.

Lubrication of the ART 1, 1R is outlined in ART Maintenance Manual 9-601, Chapter 5, paragraph 5.2.5.1.2. Lubricants to be used are the low temperature grease Aeroshell 7, NOAA No. 014-G-4, and the special oil VV-L-800, NOAA No. 014-0-9. The Aeroshell 7, which meets the specifications for MIL-G-23827, is stocked at NLSC in 14-oz. grease gun cartridges. Pedestal assembly components should be lubricated in accordance with the listing found on page 5-59 of the maintenance manual.

The ART 2, 2R systems should be lubricated with the grease Anderol L-757, NOAA No. 014-G-7. The azimuth and elevation drive gear boxes should be lubricated by following the procedure in ART 2, 2R Maintenance Manual 9-701, Chapter 5, page 5-59, paragraph 5.2.5.1.

Consult the ART maintenance schedule to determine the frequency of lubrication required for each system.



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