

DATE 1/5/55  
SH. 1 OF 2  
COMPILED BY  
M.H.S.

TMC SPECIFICATION NO. S 281

TITLE: MODEL DEVELOPMENT OF THE FFR, FFRD-\* & AMD

JOB

APPROVED AMB

FFR

1. Original equipment as purchased by USAF using the Model AMD to provide AC variations to reactance tubes, permitting remote controle.
2. Manufactured in accordance with parts listed on ML-A-122 and modified by USAF in the field in accordance with Specs. S-200, Tech Order 16-45-903; S-210, Tech Order 16-45-906 Nomenclature for FFR does not change.
3. Model AMD manufactured in accordance with parts listed on ML-A-271 and modified by USAF in the field in accordance with Specs. S-209, Tech Order 16-45-904. When modified nomenclature becomes AMD-2, under Bill of Material ML-A-736
4. Model FFRD-5,6,7,8 manufact.in accordance with parts listed on MLs A-236-5, 236-6, 236-7, 236-8; modified in the FFRD-5,6 by USAF in the field in accordance with Spec. S-211, Tech Order 16-45-905

FFR-1

5. Equipment as manufactured, for RCAF and used with the RCR, in accordance with basic Bills of Material A-535, 236-5, 236-6, 236-7, 236-8, does not use the AMD, and is modified in accordance with Specs. as follows:
  - (a). S-170 Provides E-103 for AVC control.
  - (b). S-213 Provides Lower Audio Distortion.
  - (c). S-223 Provides Hum Reduction & Greater H.F.O. Excursions.

DATE 1/5/55  
SH. 2 OF 2  
COMPILED BY

TMC SPECIFICATION NO. S 281

TITLE: MODEL DEVELOPMENT OF THE FFR, FFRD-\* & AMD

JOB

APPROVED ADP

FFR-2

6. Equipment incorporating the basic design plus new features

for use by USN primarily with the RCR. Bills of Material A-911 & A-910 apply, the AMD is not used, and changes are enumerated for convenience as follows:

- (a). S-234 Provides Reduction of Noise Level of FFRD-\*, Greater H.F.O. Excursions of FFRD-\* (4 Kcs/Mc for FFRD-5,6; 3 Kcs/Mc for FFRD-7; 30 Kcs over all for FFRD-8).
- (b). S-238 Referances S-200, Hum Reduction; S-213, Lower Audio Distortion.
- (c). Adds J-109, part SO-239 to provide a coaxial 75 ohm input.
- (d). Revises wiring of E-101 to include AVC terminals for remote controle.