

# RESTRICTED

BR 333(1)  
Original

## AERIAL OUTFIT AML

AML

### SUMMARY OF DATA

#### PURPOSE

Aerial Outfit AML is used with an interrogator (eg Radar Type 1010) in an IFF secondary radar system.

#### BRIEF DESCRIPTION

The aerial is a horn type directional UHF transmitting and receiving aerial.

#### CHARACTERISTICS

Transmission 1030 MHz  $\pm$  8 MHz  
1090 MHz  $\pm$  8 MHz

Interrogation Pattern Horizontal Beam width 7° at -3 dB )  
Vertical Beam width 60° at -3 dB ) nominally

#### MAJOR UNITS

5840-99-524-2108 Antenna

#### PHYSICAL DATA

	<u>Height</u>	<u>Depth</u>	<u>Width</u>	<u>Weight</u>
Antenna	50.1 cm (19.75 in.)	40.64 cm (16 in.)	304.8 cm (10 ft.)	68.03 Kg (150 lb)

#### HANDBOOK

BR 4213 Handbook for Aerial Outfits AML/AMM/AMN  
BR 4210 Handbook for Secondary Radar Systems using Types 1010/1011

#### ESTABLISHMENT LIST

S 1697

#### INSTALLATION SPECIFICATION

B 1181