



### Dimensions and weight

Height: 95mm (3.74in)  
Width: 146mm (5.75in)  
Depth: 165mm (6.50in)  
Weight: 1.6Kg (3.5lb)

### NATO stock number

5841-99-765-8176

### Temperature/altitude limits

Temperature -35°C to +55°C  
Continuous altitude 60,000 ft (18,300m)

### Mechanical limits

#### Vibration

BS3G. 100 part 2 sect 3. sub-sect 3.1  
cat 3 and 4 (of para 3.2.1)

#### Acceleration

BS3G. 100 part 2 sect 3. sub-sect 3.6  
Normal conditions - class1A(i)  
Crash conditions - class II for grade C  
equipment

### Cooling airflow

Not required

### Compass safe distance

0.3m for 1° magnetic deviation

### Radio frequency interface

When operating with ESD446 transponder (NSN 5895-99-142-0801) the system operates within the limits defined in BS3G. 100 part 4. Sect 2 as improved by specification RSRE X6872.

### Connectors

On control unit:  
Patt 6020-14-19SB connects to transponder  
Patt 6020-14-19SC connects to altimeter  
Patt 6020-14-19SN connects to code injection unit for ACC code loading

### Mating halves for aircraft cable looms

Patt 6026-14-19PB  
Patt 6026-14-19PC  
Patt 6026-14-19PN

# GEC-Marconi

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## ESD1447

## IFF/SSR Control Unit

ESD Publication No. ESD/051.08.96

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