

# Specification Sheet

Model # 5FUA



# MISCO®

## Key Features:

- 5" (127 mm), 4 ohm
- Voice Range, 18 watt
- Ferrite magnet, felted paper cone
- NSN 5965011519816
- Used in aircraft cockpit communication system

## Product Specifications & Parameters

### Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

### Technical Specifications

		Units of Measure
Nominal Basket Diameter	4.57	inch
	116.1	mm
Rated Impedance	4	ohms
Rated Power	18.0	Watts
Program Power		Watts
Frequency Range	180 to 6000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	93	dB SPL
Voice Coil Diameter	0.75 / 19.0	inch / mm
Magnet Weight	5.44 / 154	oz / gr
Transformer		

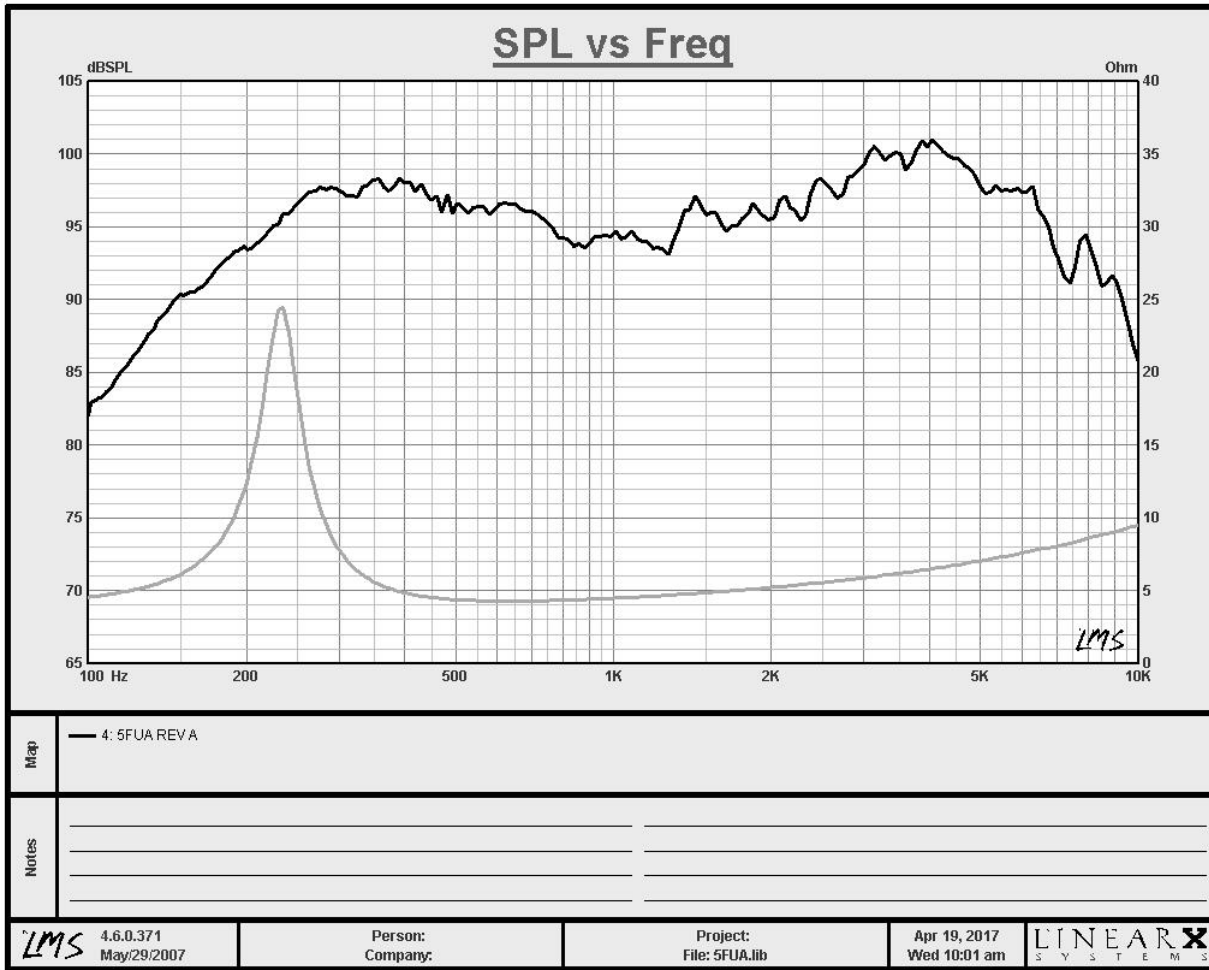
### Small Signal Parameters

		Units of Measure
Resonant Frequency (fo)	230	Hz
D.C. Resistance (Re)	3.6	ohms
Mechanical Q (Qms)		
Electrical Q (Qes)		
Total Q (Qts)		
Compliance Equivalent Volume (Vas)		ltr
BL Product (BL)		T-M
Maximum Linear Excursion (Xmax)		mm
Surface Area of Cone (Sd)		cm <sup>2</sup>
Moving Mass (Mmd)		g

### Material Descriptions

Basket	Steel
Terminal Size	0.187 by 0.022
Magnet	Barium ferrite ceramic
Voice Coil Wire	copper
Voice Coil Form	aluminum
Cone	paper
Cone Edge	paper
Dust Cap	felt cloth

## Sensitivity / Frequency



## Drawing

ID	Description	Measurements	Tolerance
Od	Outside Diameter	4.57 in.	+/- 0.020"
CD	Cutout Diameter	4.35 in.	+/- 0.020"
MG	Magnet Diameter	2.8 in.	+/- 0.050"
HD	Hole Diameter	0.205 in.	+/- 0.010"
MD	Mounting Diameter	4.69 in.	+/- 0.010"
ID	Internal Depth	1.66 in.	+/- 0.025"
FT	Flange Thickness	0.19 in.	+/- 0.050"
NW	Net Weight	472.0 g	