

**AEROSPACE  
STANDARD**
 AS20708/8

REV. A

Issued 1999-07

Revised 2011-02

Superseding AS20708/8

Synchro, Control Transmitter, Type 26V-11CX4C

FSC 5990

**RATIONALE**

This Revision consists of a 5 (five) year review, which provides updates to current format and references

**NOTICE**

This specification is approved for use by all Departments and Agencies of the Department of Defense. The requirements for acquiring the Synchros described herein shall consist of this specification and the latest issue of AS20708.

**TABLE 1 – REQUIREMENTS**

REQUIREMENT	VALUE	UNIT	TOLERANCE
Frequency	400	Hz	± 1 %
Primary Voltage	26	Volts	± 1 %
Primary Current	130.0	Milliamps	Maximum
Primary Power	0.41	Watts	Maximum
Impedance:			
Z <sub>ro</sub>	200 - 300	Ohms	Min. – Max.
Z <sub>ss</sub>	6.0 – 12.0	Ohms	Min. – Max.
Impedance Angle:			
Z <sub>ro</sub>	80.5 – 84.0	Degrees	Min. – Max.
Z <sub>ss</sub>	18.0 – 30.0	Degrees	Min. – Max.
Transformation Ratio	0.454	-----	± 2 %
Phase Shift (Lead)	4.0	Degrees	± 1.5
Electrical Error	7.0	Minutes	Maximum
Null Voltage:			
Total	19.0	Millivolts	Maximum
Fundamental	12.0	Millivolts	Maximum
Friction Torque	0.07	Ounce – Inches	Maximum
Radial Play	0.0006	Inches	Maximum
End Play	0.0010	Inches	± 0.0005
Temperature Rise	20.0	Degrees - C	Maximum

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