U. S. AIR FORCE GUIDE SPECIFICATION

SIMULATORS, FLIGHT

This amendment forms a part of AFGS-87241A,
dated 9 January 1989, and is approved for use
by the Department of the Air Force, and is available for use
within the distribution limitations noted below.

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3.3.7, line 2: Insert a comma after the words normal and degraded.

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Table V, column 2: Delete "Shaft" and substitute "Shift".

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3.6.5.2, last line: Delete "g" and substitute "g-peak".

3.6.5.2.1, line 4: Delete "g" and substitute "g-peak".

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Table VII, column 1, item 3f: Delete "Phygoid" and substitute "Phugoid".

AMSC: N/A   FSC: 6930

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TABLE VII: Add the following notes after the table:

"NOTES:

1. Frequency response tests (controls cycled at discrete amplitudes and frequencies, phase angles and amplitude ratios measured from control position signature).

2. BOF – breakout force, GW – gross weight, PA – Power approach, DR – damping ratio, ROD – rate of descent, AOA – angle of attack, ROC – rate of climb.

3. Unless indicated, all engine tests performed with normal systems horsepower bleed/extration.

4. N_1 – fan speed, N_2 – compressor speed, EPR – engine pressure ratio, TIT – turbine interstage temperature, TLA – throttle lever angle, W_f – fuel flow.

5. The following power plant tolerances apply to steady state engine operation:

    TLA   – one degree
    W_f – 5% of 100 lb/hr
    N_1 , N_2 – 2% or 100 RPM
    EPR   – 5%
    TIT   – 5°C"

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TABLE VIII, column 1: Delete items 4f, g, and h and substitute:

"f. Takeoff with engine failure at critical engine failure speed

g. Minimum control speed for single engine operation

h. Exercise abnormal/emergency procedures associated with takeoff and climb"

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3.6.2.5, REQUIREMENT LESSONS LEARNED, last column: Delete "Excursion" and substitute "Velocity".

PAGE 211

3.6.5.2, last line: Delete "g" and substitute "g–peak and under 0.4 g–peak".

3.6.5.2, REQUIREMENT LESSONS LEARNED, line 2: Delete "0.01 g" and substitute "0.010 g–peak".

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3.6.5.2.1, line 4: Delete "g" and substitute "g–peak and under 0.4 g–peak".

3.6.5.2.1, REQUIREMENT GUIDANCE: Delete "0.4 g" and substitute "0.4 g–peak".

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