

TABLE D2A—FLIGHT TRAINING DEVICE (FTD) OBJECTIVE TESTS—Continued

QPS requirements								Information	
Test		Tolerances	Flight conditions	Test details	FTD level			Notes	
Entry No.	Title				5	6	7		
4.f. ....	Light point size .....	Not greater than five (5) arc-min-utes.	N/A .....	An SOC is required and must include the relevant calculations.			X	Light point size may be measured using a test pattern consisting of a centrally located single row of light points reduced in length until modulation is just discernible in each visual channel. A row of 48 lights will form a 4° angle or less.	
4.g. ....	Light point contrast ratio	.....	.....	.....				A 1° spot photometer may be used to measure a square of at least 1° filled with light points (where light point modulation is just discernible) and compare the results to the measured adjacent background. During contrast ratio testing, simulator aft-cab and flight deck ambient light levels should be zero.	
4.g.1. ....	Reserved.								
4.g.2. ....	.....	Not less than 25:1 .....	N/A .....	An SOC is required and must include the relevant calculations.			X		
4.h. ....	Visual ground segment.								