Final Software Compliance Review Checklist

Peer Review Version: T7.DO178C.Transition-Final-Compliance-Review-Checklist.2023.R1.0
Checklist Name Final Compliance Review
Document(s) Under Review:
Supporting Documents:
Reviewer Name:
Reviewer Role:
Notes:

| | | | | Review Date: | <date> | | | Review Date: | <date> |

#	Checklist Item (i.e., Question)	DO-178C or Other Guidance Reference	DAL				Supplements			Latest Review Compliance	Latest Review Remarks	Compliance	Review Remarks
			A	B	C	D	DO-331 (MB)	DO-332 (OO)	DO-333 (FM)	Y/N/NA	<add notes if there is something noteworthy about this review iteration>	Y/N/NA	<add notes if there is something noteworthy about this review iteration>
1	Has the T6 (Test Readiness) review been satisfactorily completed with all items passing? (If not, do not proceed with this review)	Best Practice	X	X	X	X	X	X		0	0		
2	Have Test Results been independently reviewed and been shown to be correct and have discrepancies been explained?	6.4.5.c; Table A-7.2	X	X			X	X	X	0	0		
3	Have Test Results been reviewed and been shown to be correct and have discrepancies been explained?	6.4.5.c; Table A-7.2			X		X	X	X	0	0		
4	Has Test Coverage of high-level requirements been achieved with independence?	6.4.4.a; Table A-7.3	X				X	X	X	0	0		
5	Has Test Coverage of high-level requirements been achieved?	6.4.4.a; Table A-7.3		X	X	X	X	X	X	0	0		
6	Has Test Coverage of low-level requirements been achieved with independence?	6.4.4.b; Table A-7.4	X				X	X	X	0	0		
7	Has Test Coverage of low-level requirements been achieved?	6.4.4.b; Table A-7.4		X	X		X	X	X	0	0		
8	Has Modified Condition/Decision coverage been independently achieved as part of the Test Coverage?	6.4.4.c; Table A-7.5	X				X	X	X	0	0		
9	Has Decision coverage been achieved as part of the Test Coverage?	6.4.4.c; Table A-7.6	X	X			X	X	X	0	0		
10	Has Decision coverage been independently achieved as part of the Test Coverage?	6.4.4.c; Table A-7.6	X	X			X	X	X	0	0		
11	Has Statement coverage been achieved as part of the Test Coverage?	6.4.4.c; Table A-7.7	X	X	X		X	X	X	0	0		
12	Has Statement coverage been independently achieved as part of the Test Coverage?	6.4.4.c; Table A-7.7	X	X			X	X	X	0	0		
13	Has Data Coupling and Control Coupling coverage been achieved as part of the Test Coverage?	6.4.4.c; Table A-7.8	X	X	X		X	X	X	0	0		
14	Has Data Coupling and Control Coupling coverage been independently achieved as part of the Test Coverage?	6.4.4.c; Table A-7.8	X	X			X	X	X	0	0		
15	Has verification of additional code, that cannot be traced back to Source Code, been independently achieved?	6.4.4.c; Table A-7.9	X				X	X	X	0	0		
16	If a Design Model is used in the software development process, has the Model Analysis Criteria presented in Table MB.6-1 been considered and appropriately performed and deficiencies resolved?	MB.6.7	X	X	X	X	X			0	0		