

DO-178C/ED-12C Table A-1 Software Planning Process

DO-178C/ED-12C (Core) Annex A				DO-333 Formal Methods (FM)		DO-331 Model Based (MB)		DO-332 Object Oriented (OO)	
Objective	Description	Objective Reference	Output/Data Reference	Objective Reference	Output/Data Reference	Objective Reference	Output/Data Reference	Objective Reference	Output/Data Reference
A-1 #1	The activities of the software life cycle processes are defined.	4.1.a, 4.2.a, 4.2.c, 4.2.d, 4.2.e, 4.2.g, 4.2.i, 4.2.l, 4.3.c	11.1, 11.2, 11.3, 11.4, 11.5	FM.4.3	FM.11.1, FM.11.5	MB.4.1.a, MB.4.2.a, MB.4.2.d, MB.4.2.e, MB.4.2.g, MB.4.2.i, MB.4.2.l, MB.4.2.m, MB.4.2.n, MB.4.2.o, MB.4.3.c	MB.11.1, MB.11.2, MB.11.3, MB.11.4	OO.4.1.a, OO.4.2.a, OO.4.2.c, OO.4.2.d, OO.4.2.e, OO.4.2.g, OO.4.2.i, OO.4.2.l	OO.11.1
A-1 #2	The software life cycle(s), including the inter-relationships between the processes, their sequencing, feedback mechanisms, and transition criteria, is defined.	4.1.b, 4.2i, 4.3.b	11.1, 11.2, 11.3, 11.4, 11.5	FM.4.3	FM.11.1, FM.11.5	MB.4.1.b, MB.4.2.i, MB.4.3.b	MB.11.1, MB.11.2, MB.11.3, MB.11.4	OO.4.1.b, OO.4.2.i	OO.11.1
A-1 #3	Software life cycle environment is selected and defined.	4.1.c, 4.4.1, 4.4.2.a, 4.4.2.b, 4.4.2.c, 4.4.3	11.1, 11.2, 11.3, 11.4, 11.5	-	FM.11.1, FM.11.5	MB.4.1.c, MB.4.4.2.a, MG.4.4.2.b, MB.4.4.2.c, MB.4.4.3, MB.4.4.4	MB.11.1, MB.11.2, MB.11.3, MB.11.4	OO.4.1.c, OO.4.4.2.a, OO.4.4.2.b, OO.4.4.2.c	OO.11.1
A-1 #4	Additional considerations are addressed.	4.1.d, 4.2.f, 4.2.h, 4.2.i, 4.2.j, 4.2.k	11.1, 11.2, 11.3, 11.4, 11.5	-	FM.11.1, FM.11.5	MB.4.1.d, MB.4.2.f, MB.4.2.h, MB.4.2.i, MG.4.2.j, MB.4.2.k	MB.11.1, MB.11.2, MB.11.3, MB.11.4	OO.4.1.d, OO.4.2.f, OO.4.2.h, OO.4.2.i, OO.4.2.j, OO.4.2.k, OO.4.2.m, OO.4.2.n	OO.11.1
A-1 #5	Software development standards are defined.	4.1.e, 4.2.b, 4.2.g, 4.5	11.6, 11.7, 11.8	-	FM.11.6, FM.11.7, FM.11.8	MB.4.1.e, MB.4.2.b, MB.4.2.g, MB.4.5	MB.11.23	OO.4.1.e, OO.4.2.b, OO.4.2.g, OO.4.5	OO.11.7, OO.11.8
A-1 #6	Software plans comply with this document.	4.1.f, 4.3.1, 4.6	11.14	-	-	MB.4.1.f, MB.4.3.a, MB.4.6	MB.11.14	OO.4.1.f, OO.4.6	OO.11.14
A-1 #7	Development and revision of software plans are coordinated.	4.1.g, 4.2.g, 4.6	11.14	-	-	MB.4.1.g, MB.4.2.g, MB.4.6	MB.11.14	OO.4.1.g, OO.4.2.g, OO.4.6.d	OO.11.14