ADBR's 2010 'DCP at a Glance' - V125 - Air/DEF 1A

Table A: CONSOLIDATED 2009 DEFENCE WHITE PAPER & DEFENCE CAPABILITY PLAN
Schedule of Future 'Force 2030' Military Capability Enhancement Acquisition Initiatives & Projects

	Project Number/Phase	New Capability Description	Year of First DCP Listing	ACAT	Number of Units	New Capabiltity, Likely Base Platform and/or Weapon	Legacy Platform/Weapon and/or Policy Decision	2009 Defence White Paper Proposed New Capability Mix and/or Declared 2009 DCP Project/Phase Scope	Time Band for 2009 DCP First Pass Approval	2009 DCP Second Pass Approval (Year of Decision)	Potential for Single 2nd Pass Approval
108	Air 87/3+	ARH Upgrades	2014*	III	22	Franco/German 'Tiger' ARH	Project Air 87/1&2	Provide system upgrades consistent with the parent Franco/German Tiger program. Upgrades to include weapons, engines, software, MMS and GSS	2016+	TBC	
109	Air 5077/4	AEW&C Sustainment Study	2006	IV	6	B737-700 & MESA radar	Amended from DCP'06 due to capability delivery delays	Studies/planning to provide scientific, engineering and I/Op studies to develop a costed management plan for AEW&C sustainability through to capability end of life	2012/13-2014/15	2012/13-2014/15	Yes
110	Air 5077/5+	AEW&C Mid Life & Other Upgrades	2019*	I	6	B737 'Wedgetail' AEW&C	n/a	Studies to build a comprehensive AEW&C test environment, associated support segments, I/Op upgrades. DWP'09 - CEC for weapons cueing (SM-6) & air NCW grid	2019+	TBC	
111	Air 5232/1	Air Combat Officer Training System	2009	III	n/a	Advanced training systems	School of Air Warfare	System (introduced as elements become obsolete) to deliver core ACO training & provide specialist training needs of Navy Observers and Air Force ACO aircrew	2009/10-2010/11	2011/12-2012/13	
112	Air 5276 CAP 2	AP-3C 'Orion' Capability Assurance Program	2006	III	19	Ensure AP-3C capability edge	Air 5276/9 (DCP'04) and earlier Project 'Sentinel'	Consolidated Block Upgrade to address AP-3C DMS, ESM and ground support system obsolescence, and investigate acoustic warfare system & data link upgrades	2009/10-2010/11	2011/12-2012/13	
113	Air 5397/2	AMACCS Upgrade	2009	III	TBD	New systems: IP over radio, VoIP	Phase 1 fixed, deployable AT&AD comms systems	Technology refresh for the UHF/VHF/HF comms systems delivered under phase 1, which was not listed in either the 2001, 2004 or 2006 DCPs	2012/13-2014/15	2014/15-2016/17	
114	Air 5405/1	Replacement Mobile ROC	2001	III	TBD	Integrated air defence C2	Replacement of current TADS, Land 121 (for mobility)	MROC to provide a deployable integrated (into the Australian ABMS and extant simulation training systems) air defence command and control system	2011/12-2012/13	2013/14-2015/16	
115	Air 5416/4B1	C-130J Radar Warning Receiver	2009	III	TBD	Acquire a RWR system	Phase 4 (DCP'04), 4A, 4B (DCP'06)	Multi-phase 'Echidna' project saw aircraft pre-configured (flare dispenser) for ALR-56 RWR, but systems not yet installed. RFT for RWR installation due 2010	2009/10-2010/11	2009/10-2010/11	Yes
116	Air 5416/4B2	C-130J Large Aircraft Infrared Countermeasures	2009	III	TBD	Acquire a LAIRCM system	" " " " " " " " " "	Acquire a laser-based infrared countermeasures system (LAIRCM), prospectively Northrop Grumman's AN/AAQ-24(V)	2009/10-2010/11	2009/10-2010/11	Yes
117	Air 5428/1	Pilot Training System	2004	II	n/a	New fixed wing PTS system	PC-9A, CT-4B	New PTS utilising basic and advanced training systems to generate pilot skills for 4th/5th generation aircraft, candidates for HATS under Air 9000/7, FACDU & AOSG	August 2009	2012/13-2014/15	
118	Air 5431/1	DATMCS (Deployable)	2004	III	TBD	Deployable & fixed SS & C2 systems	Projects Air 5186, 5333, 5375, NATMS, ADATS, AAATS	To provide a number of DATMCS (to replace Alenia radar systems) to add additional capability. The current capability comprises a single TASR	2010/11-2011/12	2012/13-2014-15	
119	Air 5431/2&3	FBATMCS (Fixed)	2009	III	TBD	ATC surveillance sensors/simulator	'Alenia' & other ADATS radars	New ATC sensors at fixed bases. Phase 3 to acquire a fixed DATMCS for 11 ADF fixed air bases and a radar simulator for the SATC at RAAF Base 'East Sale'	2010/11-2011/12	2011/12-2012/13	
120	Air 5432/1	Comms, Navigation, Surveillance, ATM	2004	III	TBD	Updated ADF platforms & systems	ADATS, Air 5431	Introduction of ADS-B, which uses Mode S, to ADF airborne platforms. Project to run in parallel with JP 90 Phase 1 which is updating ADF from Mode 4 IFF to Mode 5	2012/13-2014/15	2014/15-2016/17	
121	Air 5438/1A	Lead-in Fighter CAP	2009	III	TBD	Upgrade to support NACC/Air 6000	Phase 1 (DCP'06), Mk 127 'Hawk' LIFTS acquisition	Capability improvements to ensure system can adapt to meet future fast-jet training requirements. MOTS & COTS solution sought with minimal NRE	2009/10-2010/11	2011/12-2012/13	
122	Air 5440/1	C-130J Block Upgrade Program 7.0	2009	III	12	Software/ hardware systems upgrades	C-130 J 'Hercules' fleet	Installation, testing of certified Block 7.0 Upgrade package. Project received partial 2nd pass in 2008/09 & split in two parts: Part 1: FMS acquisition case; Part 2: TLS	2009/10-2010/11	2008-09	Yes
123	Air 5440/2	C-130J Block Upgrade Program 8.0	2009	III	14	" " " " "	" " " " " "	Installation, testing of certified Block 8.0 Upgrade package, and TLS for the Block 8.0 life-of-type. Scope of each Block Upgrade managed by C-130J JUG and LM	2012/13-2014/15	2012/13-2014/15	Yes
124	Air 6000/2A	New Air Combat Capability - Batch I	2004	I	14	Block III CTOL F-35A	F/A-18A/B 'Hornet' - Air 6000/1A, 1B & 1C (DCP'01)	DWP'09 - Stealth, advanced sensors, networking & data fusion, ADF-wide NCW, EA-AO. Initial CTOL purchase for initial training & testing plus infrastructure/support	Complete	25/11/2009	
125	Air 6000/2B	New Air Combat Capability - 3 Full Squadrons	2004	I	58	" " " " "	Air 6000/2A (November 2009)	To make up the DWP'09 undertaking of not less than 72 aircraft to resource three squadrons with Block III specifications & weapons fit	Complete	2012/13	
126	Air 6000/2C	Follow-on NACC	2004	I	28	Block IV+ CTOL F-35	Air 5349 F/A-18F 'Super Hornet'	Block IV JSF - policy decision required to advance software/hardware upgrade of phase 2A & 2B Block III aircraft to Block IV standard	2013+(2019)	TBC	
127	Air 6000/3	Weapons for New Air Combat Capability	2009	III	TBD	AIM-120C, AIM-9X	AIM-132 ASRAAM, AIM-120 AMRAAM, AGM-142	Acquire reserve stock holdings of extamt air-to-ground weapons, including 25mm gun ammunition, and EW expendables	2012/13-2014/15	2014/15-2016/17	
128	Air 6000/5	Future Air-to-Air Weapons for NAAC & SH	2009	III	TBD	AIM-120D, HySM	AIM-9X, AIM-120C, AGM-158 JASSM	Nominate and acquire reserve & training stock holdings of the future air-to-air weapons for the JSF and F/A-18F 'Super Hornet' fleet	2012/13-2014/15	2014/15-2016/17	
129	Air 7000/1B	Multi-mission Unmanned Aerial Vehicle	2019*	II	7	'Global Hawk'; 'Mariner'; 'Mantis'	1B (DCP'06), Phase 1 (DCP'04), JP 2062/2 (DCP'01)	HALE-UAS to supplement MPA with persistant ISR (ocean spanning range) to enhance SA, plus overland capability to support ground forces	2019+	TBC	
130	Air 7000/2B	Maritime Patrol Aircraft Replacement	2004	II	8	P-8A 'Poseidon' MPA with AAR	19 x AP-3C, Phase 2 (DCP'04), Air 5276/R (DCP'01)	SSR, EO/IR, ESS, ASW & ASuW (fire SASM), air-launched torpedoes, AAR, advanced sonobuoys, high transit speeds; rapid search/identification	May 2009/MoU	2013/14-2015/16	
131	Air 8000/1	Battlefield Airlift - Additional C-130J	2006	III	2	Rationalise 'Hercules' fleet to 'J's	C-130H refurbish/replacement, Air 5414 (DCP'01), ALS	Transit SF air-deployable rigid-hulled inflatable boat (RHIB) capability from legacy C-130Hs, which will all be retired	2009/10-2010/11	2011/12-2012/13	
132	Air 8000/2	Battlefield Airlift - 'Caribou' Replacement	2004	II	10	New design (C-27J or C-295)	8 x B300/350 'King Air', 13 x DHC-4 'Caribou', Air 5190/2	Significantly greater range, speed & payload than DHC-4 'Caribou'. KC-30A also to provide extra lift capability.	2010/11-2011/12	2012/13-2014/15	
133	Air 9000/5C	Additional Heavy Lift Helicopter	2009	III	7	CH-47F 'Chinook'	Phase 5A&B (DCP'04), 5C (2007*), Air 130/1, Air 6007	Combined phases 5C & 5B to achieve US Army configuration focus; improved EWSP; FBCB2-BFT; integrate with US Army fleet maintenance system	Complete	2010/11-2011/12	
134	Air 9000/7	Helicopter Aircrew Training System	2006	III	TBD	EC 135/EC 635 or Bell 429	Merged 7A/7B - Bell 206B 'Kiowa' & AS 350B 'Squirrel'	Provide a JHS to prepare Navy & Army pilots, observers & aircrewmen for conversion to Seahawk, MRH90, Black Hawk, Chinook, ARH, & new Air 9000/8 type	Complete	2011/12-2012/13	
135	Air 9000/8	Future Naval Aviation Combat System	2006	II	24+	MH-60R or NFH-90 plus weapons	16xS-70B-2 'Seahawk', 11xSH-2G(A) 'Super Seasprite'	DWP'09 - Urgent acquisiton of at least 24 NCH with advanced ASW, active dipping sonar; air-launched (anti-submarine) torpedoes & new naval strike missile	2009/10-2010/11	2010/11-2011/12	
136	Air 9000 SCAP1	Seahawk Capability Assurance Program 1	2009	III	16	Address immediate obsolescence	Air 9000/3 MLU (DCP'04), Sea 1405/1&2, Sea 1151/2	Address obsolescence of TDUs, ECUs, AFCS, IFF and the MSS to maximise the number of aircraft available for operations until >2014 transition to Air 9000/8	2008/09	2009/10-2010/11	
137	Air 9000 SCAP2	Seahawk Capability Assurance Program 2	2009	III	16	Address obsolescence >SCAP 1	" " " " " " " " " " " " " " " "	Address obsolescence issues not covered in SCAP 1 to extend life to 2018, such as, replace the Seahawk's main mission computer and Display Generator Unit	2010/11-2011/12	2010/11-2011/12	Yes
138	Air XXXX	Maritime Strike Weapon for NACC	2014*	III	TBD	Potentially NSM or other weapon	Block II AGM-84D 'Harpoon'	Acquire maritime strike weapon for the project Air 6000 NACC (ie: JSF) platform	2016+	TBC	
139	DEF 224/4+	ADF-wide Electronic Warfare	DWP	n/a	TBD	Enhanced/strengthened capabilities	Phase 3 (DCP'06), 2B, 2A	DWP'09 - New Adelaide Joint EW Centre; Enhanced reporting systems & databases for analysis & dissemination of EW info; Intel capabilities for maritime/land forces	2013+	TBC	
140	DEF 7013/4	Joint Intelligence Support System	2001	IV	TBD	Evolved JISS embracing SOA concepts	Phases 1, 2, 3A, 3B	Takes greater cognisance of ADF's migration towards networked operations & increased demands on Defence intel assets to perform within shorter decision cycles	2010/11-2011/12	2011/12-2012/13	
141	DEF XXXX-A	Enhanced Cyber Warfare Capability	DWP	n/a	TBD	Much-enhanced CSA & IRC	DSD, DSTO Net Warrior exercises, WC (Williamtown)	Establish Cyber Security Operations Centre within DSD (ADF & DSTO) as precursor to a series of highly classified WoG cyber defence/attack investments	2013+	TBC	
142	DEF XXXX-B	Enhanced Intelligence Component for ISR	DWP	n/a	TBD	New/Supplementary Equipment	ISR Roadmap 2007-17; AUSMIN 2008/09 ISR principles	Mostly classified projects contributing to comprehensive RTSA. Secure, high-capacity ICT systems to ensure ISR better utilised. Boost US PACOM /BAMS linkages	2013+	TBC	

NOTE: 1 - References to 2007* indicate new DCP capabilities emerging from the 2006 Defence Capability Update (DCU), and considered for approval prior to the Federal election; ^ This project was listed as phase 3 in the 2006-16 DCP and had an estimated expenditure of $450-600m (as a combination of C4I, lethality and surviva

NOTE: 2 - References to 2014* and 2019* refer to new military capability acquisition projects signalled in the 2009 DCP'09 as most likely to achieve formal listing in either the 2014 or 2019 DC

ADBR DEFENCE ACRONYM INDEX: See Table 'B' attachment or as download from www.adbr.com.au/data/ADBR-E_Prev.htm

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