PBCS Implementation Status Update

Civil Aviation Authority of New Zealand

Introduction

- The Civil Aviation Authority of New Zealand is working towards the implementation of PBCS, following the Performance Based Communications and Survellience Strategy for the Asia Pacific Regions

- The following slides are taken from Group A tasks of the PBCS Manual (Doc 9869) Implementation Checklist (Appendix A), and show that status of each task

- Finally, an overall task interdependency is shown.

Task ID	Task Descriptor	Task Detail	Reference(s)
		Group A tasks – State/region preparation	
A-1	Aeronautical Information Publication (AIP) – Prescription of a required communication performance (RCP)/required surveillance performance (RSP) specification	Prescribe the appropriate RCP/RSP specification in the AIP (or equivalent publication). If applicable, common AIP language may be based on a bilateral, multilateral or regional air navigation agreement.	Chapter 3
A-2	ANSP – PBCS policies, objectives supporting safety oversight	Identify means to apply RCP/RSP specifications and criteria for initial and continued compliance, including: a) ATS provision requirements, and requirements for ATS unit's system and communication service provider (CSP) service agreements, if applicable; b) flight plan requirements; and c) monitoring, alerting and reporting requirements.	

Rules drafting process underway - "Rules Issue" approved Policy drafting team engaged.

Draft AIP entries for flight plans. Submit November 2017 for March 2018 AIRAC. Oversight not yet defined.

Task ID	Task Descriptor	Task Detail	Reference(s)
A-3	Operator and aircraft system – PBCS policies, objectives supporting safety oversight	Identify means to determine aircraft operator eligibility requirements for PBCS operations, including requirements for operations, maintenance, aircraft system and CSP service agreements, if applicable: a) establish State airworthiness requirements; b) establish policy/procedures and criteria for operational approval; c) prepare State inspectors to perform tasks for operational approval; d) develop a plan to issue operational approval to national operators. Train pilots and, if applicable, dispatchers on PBCS operations; and e) develop and distribute operations manuals, pilot bulletins or other appropriate documents containing PBCS policy and/or procedures. *Note.— The State of the Operator identifies means for commercial air transport operations. The State of Registry identifies means for general aviation operations. The State of Design identifies means for design approval of the aircraft system.*	Chapter 4 Section 4.2.1 Section 4.2.3
A-4	*Regional Supplementary Procedures (Doc 7030) for PBCS operations, if applicable*	On behalf of a region, a State may develop a proposed amendment to the *Regional Supplementary Procedures (Doc 7030)*, if applicable.	

Approval and oversight process not yet defined. See also interdependency list.

See later WP from Airways NZ

Overall Task Interdependency

2016	2017	2018

Operator Approvals Process — Approvals Applications — Approvals Granted

29 March 2018

Guidance (AC) — AC Draft .... AC Published

Rule — NPRM .... Rule Active

AIP (Flight Planning) — AIP Published

ANSP Preparation & Testing — *ATM systems testing* .... *Controllers Qualified*

Flight Training — *Crews Qualified*

Aircraft Capability / Alerting / MEL — *Manufacturer Support* — *Aircraft Upgraded*

Regional Supplements — 7030 Amendment Published

CSP Contracts including RCP/RSP — *Contracts Amended*

Monitoring, Reporting, Problem Reporting & Resolution — *Process, Sufficient Data*

White – CAA, *Grey Italics = Non - CAA*