



PBN plan

French Polynesia



Progress report n°3

October 2015

SNA/PF-DCA

The SNA/PF published a PBN implementation plan for French Polynesia in September 2012, updated each year.

This progress report nr3 presents the works undertaken during 2014/2015 and opens up a prospect for 2016.

As a reminder, this plan is in keeping with the French PBN plan and with the French Coordinating Committee strategic guidelines for PBN.

It is important to note that RNP AR and VISUAL RNAV procedures implementations are not scheduled at the moment in French Polynesia.

Current state of deployment

- * Implementations are based on requests and needs expressed by main stakeholders: Aéroport de Tahiti, French Polynesia Civil Aviation Authority and Air Tahiti.
- * TAHITI FAAA, international gate and main airport, is now BARO VNAV equipped for each RWY.

AIRPORT	AD	RWY	TYPE	AIRPORT	AD	RWY	TYPE
NTTB	Bora Bora		SID STAR	NTGF	Fakarava	RWY 23	LNAV
NTTB	Bora Bora	RWY 11	LNAV	NTTO	Hao	RWY 12	LNAV
NTTB	Bora Bora	RWY 29	LNAV	NTTO	Hao	RWY 30	LNAV
NTTH	Huahine		SID STAR	NTAA	Faaa	RWY 22	VNAV
NTTH	Huahine	RWY 07	LNAV	NTAA	Faaa	RWY 04	VNAV
NTTH	Huahine	RWY 25	LNAV	NTMN	Hiva Oa	RWY 02	LNAV
NTTR	Raiatea		SID STAR	NTMN	Hiva Oa	RWY 20	LNAV
NTTR	Raiatea	RWY 07	LNAV	NTMD	Nuku Hiva	RWY 06	LNAV
NTTR	Raiatea	RWY 25	LNAV	NTMD	Nuku Hiva	RWY 24	LNAV
NTTB	Bora Bora	UDINI1AB	POGO	NTAT	Tubuai	RWY 03	LNAV
NTTH	Huahine	REVR11F	POGO	NTAT	Tubuai	RWY 21	LNAV
NTTR	Raiatea	UNIX01C	POGO	NTAV	Raivavae	RWY 06	LNAV
NTTG	Rangiroa	RWY 27	LNAV	NTAV	Raivavae	RWY 24	LNAV
NTTG	Rangiroa	RWY 09	LNAV	NTAR	Rurutu	RWY 09	LNAV
NTGF	Fakarava	RWY 05	LNAV	NTAR	Rurutu	RWY 27	LNAV

Ressources, territoires et habitats
Énergie et climat
Prévention des risques
Développement durable
Infrastructures, transports et mer

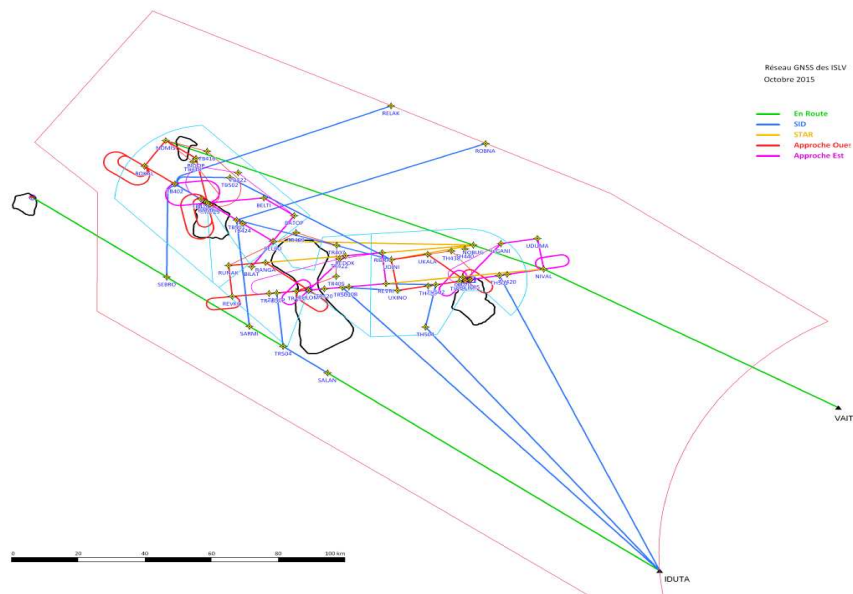


Présent pour l'avenir

Tasks undertaken in 2014/2015

On 28th October 2015, 25 RNAV GNSS approach procedures were published in French Polynesia.

- PBN plan for French Polynesia is keeping up with ICAO applicable rules in France.
- The PBN plan logic based on the equipment of all archipelagos is on-going: main distant airports are now RNAV GNSS equipped.
- 2015: year of the Austral archipelago (RURUTU and RAIVAVAE).
- TAHITI FAAA: publication of a BARO VNAV RWY 04.
- Improvement of the existing RNAV GNSS network for Windward Islands: short tracks, vertical terminal phase and associated patterns:



Feedback and improvement

- * Continuous skills development for designers ensures the quality of services offered.
- * Harmonizing practices is a top priority.
- * RNAV GNSS procedures are naturally used in case of malfunctioning of radio electric beacons
- Operational actors (crews, controllers) have developed expertise on PBN process by practising daily. As a result, flights safety is improved.

Road map 2015/2016

This road map, which is related to the initial 2012 PBN program, is amended according to stakeholders' developments needs and regulatory changes in French legislation (order of Minister of 16th March 2012):

- * Procedures for the aerodromes of MAUPITI : completion of Windward Islands RNAV GNSS network
- * Entire revision of Windward Islands: BORA BORA, RAIATEA, HUAHINE and MAUPITI.
- * Procedures RNAV GNSS for MANIHI and TIKEHAU.
- * Initiation of a feasibility study for CDO implementation at TAHITI FAAA in close relationship with B787 new services.
- * Publication of RNAV GNSS SID for TAHITI FAAA.
- * .Publication of RNAV GNSS SID for FAKARAVA and TUBUAI adapted to local particularism.