International Civil Aviation Organization



WORKING PAPER (WP/16)

ICAO Asia and Pacific (APAC)

Twenty-Eighth Meeting of the Meteorology Sub-Group (MET SG/28)

Bangkok, Thailand, 8 to 12 July 2024

Agenda Item 5: Planning and monitoring

UPDATES TO THE ASIA/PACIFIC AIR NAVIGATION PLAN

(Presented by Japan)

SUMMARY

This paper presents proposal of updates to the Tables MET II-2 and MET II-3 of the Asia/Pacific Air Navigation Plan Volume II to reflect operational states in Japan.

1. INTRODUCTION

- 1.1 The ICAO Regional Air Navigation Plans (ANPs) provide a bridge from the global provisions contained in the ICAO Standards and Recommended Practices (SARPs), Procedures for Air Navigation Services (PANS) and Global Air Navigation Plan (GANP) to the Member States' national plans and actual implementation of aerodromes and air navigation facilities and services for international civil aviation.
- 1.2 The Tables MET II-2 and MET II-3 provide lists regarding aerodrome meteorological offices and VOLMET broadcasts, respectively.

2. DISCUSSION

Table MET II-2: Aerodrome Meteorological Offices

- 2.1 The Table MET II-2 of the latest APAC ANP Vol. II (published in December 2023 on the ICAO/APAC website) lists 18 Japanese aerodromes. 17 of them are also included in the Table AOP II-1: *Requirements and Capacity Assessment in International Aerodromes in the Asia and Pacific Regions* while the latest *ROBEX Handbook* (16th Edition, published in April 2024) provides 38 Japanese aerodromes whose aerodrome routine meteorological reports (METAR) and aerodrome forecasts (TAF) are internationally disseminated. The 18 aerodromes are included in the *ROBEX Handbook* as well.
- Along with some minor changes, 12 more Japanese aerodromes are proposed to be included in the Table MET II-1, as they have been available both in the Table AOP II-1 and *ROBEX Handbook*. The aerodrome not listed in the Table AOP II-1 is proposed to be removed. (**Appendix A**)
- 2.3 Among the remained 8 aerodromes (listed in the *ROBEX Handbook* but not in the Table AOP II-1), 3 of them have international scheduled flights. They may be proposed to be included in the Table MET II-1 in future when they would be included in the Table AOP II-1 for consistency.

Table MET II-3: VOLMET Broadcasts

- 2.4 The Tokyo VOLMET Station broadcasts:
 - METAR of the Narita International, Tokyo international, Sapporo / New Chitose, Chubu Centrair, Kansai International, Fukuoka, and Incheon Airports;
 - Trend forecasts of the Narita International, Tokyo international, Chubu Centrair, Kansai International, Fukuoka, and Incheon Airports;
 - TAF of Narita International and Kansai International Airports; and
 - Significant meteorological (SIGMET) information of the Fukuoka and Incheon Flight Information Regions (FIRs).
- 2.5 The Table MET II-3 is proposed to be updated to reflect the above mentioned current operations. (**Appendix B**)

Recommended action

2.6 Noting the description above, the MET SG is recommended to adopt the following Decision.

Decision MET SG/28-xx: Update the Asia/Pacific Air Navigation Plan Vol. II Tables MET II-								
2 and MET II-3								
What: That, the MET SG endorses the proposed updates to the Asia/Pacific	Expected impact:							
Air Navigation Plan Vol. II Tables MET II-2 and MET II-3, and requests the	☐ Political / Global							
Secretariat to incorporate those updates to the latest draft for further approval	☐ Inter-regional							
by APANPIRG.	☐ Economic							
	□ Environmental							
	Follow-up:							
Why: To reflect the latest operations	☐ Required from							
	States							
When: 12-Jul-24	Status: Draft to be							
WHOH. 12-Jul-24	adopted by Subgroup							
Who: □Subgroups □APAC States ⊠ICAO APAC RO □ICAO HQ □Otl	her:							

3. ACTION BY THE MEETING

- 3.1 The meeting is invited to:
 - a) Note the information contained in this paper; and
 - b) Adopt the proposed Decision in paragraph 2.6.

MET SG/28 Appendix A to WP/16

APPENDIX A: PROPOSED UPDATES TO THE TABLE MET II-2

	Aerodrome (listed in Tables AOP) where meteorological service is to be provided			Responsible aerodrome meteorological office		Observations and forecasts to be provided					METAR/S
State	Name	ICAO Location Indicator	Use	Name	ICAO Location Indicator	METAR/SPECI	State of the runway	Trend forecast	TAF	Temperature Tx/Tn	METAR/SPECI and TAF availability
1	2	3	4	5	6	7	8	9	10	11	12
:	: :	:	:	: :	:	:	:	:	:	:	:
Japan	AKITA	RJSK	RS	TOKYO INTL	RJTT	Y			X		P
•	AOMORI	RJSA	RS	TOKYO INTL	RJTT	Y			X		P
	ASAHIKAWA	RJEC	RS	SAPPORO/NEW CHITOSE	RJCC	Y			X		\mathbf{F}
	CHUBU CENTRAIR INTL	RJGG	RS	TOKYO (CITY)	RJTD	Y		Y	X		F
	TV 1111 A A A A A A A A A A A A A A A A A	D. 1111	D.C.	CHUBU CENTRAIR INTL	RJGG						_
	FUKUOKA	RJFF	RS	TOKYO (CITY) FUKUOKA	RJTD RJFF	Y		Y	X		F
	FUKUSHIMA	RJSF	RS	TOKYO INTL	RJTT	Y			X		F
	HAKODATE	RJCH	AS	TOKYO (CITY)	RJTD	Y			X		F
			RS	SAPPORO/NEW CHITOSE	RJCC	_			_		_
	HANAMAKI	RJSI	RS	TOKYO INTL	RJTT	Y			X		P
	HIROSHIMA	RJOA	RS	TOKYO (CITY)	RJTD	Y			X		F
	KAGOSHIMA	RJFK	RS	KANSAI INTL TOKYO (CITY)	RJBB RJTD	Y			X		F
	KAGOSIIIWA	KJIK	Ko	FUKUOKA	RJFF	1			Λ		P
	KANSAI INTL	RJBB	RS	TOKYO (CITY)	RJTD	Y		Y	X		F
				KANSAI INTL	RJBB	_			_		_
	KITAKYUSHU	RJFR	RS	FUKUOKA	RJFF	Y			X		F
	KUMAMOTO	RJFT	RS	TOKYO (CITY) FUKUOKA	RJTD RJFF	Y			X		F P
	KUSHIRO	RJCK	RS	SAPPORO/NEW CHITOSE	RJFF	Y			X		F
	MATSUYAMA	RJOM	RS	KANSAI INTL	RJBB	Y			X		P
	MIYAZAKI	RJFM	RS	FUKUOKA	RJFF	Y			X		F
	NAGASAKI	RJFU	RS	TOKYO (CITY)	RJTD	Y			X		F
				FUKUOKA	RJFF						P
	NAHA	ROAH	RS	TOKYO (CITY)	RJTD	Y			X		F
	NIADITA INITI	DIAA	DC	NAHA TOKKO (CITY)	ROAH	Y		Y	37		Б
	NARITA INTL	RJAA	RS	TOKYO (CITY) NARITA INTL	RJTD RJAA	ĭ		ĭ	X		F
	NEW ISHIGAKI	ROIG	RS	NAHA	ROAH	Y			X		F
	NIIGATA	RJSN	RS	TOKYO (CITY)	RJTD	Y			X		F
				TOKYO INTL	RJTT						
	OITA	RJFO	RS	TOKYO (CITY)	RJTD	Y			X		F
	OKAYAMA	RJOB	RS	FUKUOKA TOKYO (CITY)	RJFF RJTD	Y			X		P F
				FUKUOKA	RJFF	•					P
	OSAKA INTL	RJOO	AS	TOKYO (CITY)	RJTD	¥			X		F
	SAGA	RJFS	RS	FUKUOKA	RJFF	Y			X		P
	SAPPORO/NEW CHITOSE	RJCC	RS	TOKYO (CITY) SAPPORO/NEW CHITOSE	RJTD RJCC	Y			X		F
	SENDAI	RJSS	RNS	TOKYO (CITY)	RJTD	Y			X		F
	SHIZUOKA	RJNS	RS RS	TOKYO INTL TOKYO INTL	RJTT RJTT	Y			X		P P
	TAKAMATSU	RJOT	RS	TOKYO (CITY)	RJTD	Y			X		F
				KANSAI INTL	RJBB	1					P
	TOKYO INTL	RJTT	AS	TOKYO (CITY)	RJTD	Y		Y	X		F
	TOWANG	D D IT	RS	TOKYO INTL	RJTT						
	TOYAMA .	RJNT	RS ·	TOKYO INTL	RJTT	Y			X		P
:	:	:	:	:	:	:	:	:	:	:	:

MET SG/28 Appendix B to WP/16

APPENDIX B: PROPOSED UPDATES TO THE TABLE MET II-3

Tokyo
10–15
40–45
Tokyo (Narita)
Tokyo (Haneda)
Sapporo/New Chitose
Chubu Centrair
Osaka Kansai
Fukuoka
Incheon
TOKYO (NARITA)
TOKYO (HANEDA) KANSAI