International Civil Aviation Organization



#### **WORKING PAPER (WP/12)**

ICAO Asia and Pacific (APAC) Twenty-Ninth Meeting of the Meteorology Sub-Group (MET SG/29)

Bangkok, Thailand, 18 - 22 August 2025

#### Agenda Item 4: Regional guidance material

### UPDATES TO THE ASIA/PACIFIC AIR NAVIGATION PLAN VOLUME II AND THE ROBEX HANDBOOK

(Presented by Japan)

#### **SUMMARY**

This paper presents updates to the Asia/Pacific Air Navigation Plan Volume II and the ROBEX Handbook as provided by 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 Table MET II-2 of the ANP Volume II provides the list regarding aerodrome meteorological offices. MET SG/28 noted the updates to the table II-2 and other tables to include the proposed changes reported by MET SG/28 WP/16 by Japan and tasked to Secretariat to incorporate it to the next proposal for amendment of the APAC ANP Volume II. [MET SG Action 28/21]
- 1.3 The Regional OPMET Bulletin Exchange (ROBEX) Handbook defines the responsibilities and procedures for the ROBEX centres and the content and format of the ROBEX bulletins.
- 1.4 The Table A provides the list regarding METAR bulletins and the Table B provides the list regarding TAF bulletins.
- 1.5 This paper provides the necessary updates to the additional updates to the Asia/Pacific Air Navigation Plan and the ROBEX Handbook based on the changes in the aerodrome name and the current operation of aerodrome meteorological information provision in Japan.

#### 2. DISCUSSION

2.1 TAF and METAR reports of **Shimojishima** Airport (RORS) have been included in FTJP38 RJTD and SAJP38 RJTD since 7 August 2025.

- 2.2 The airport name for the location "ROIG" was changed to **Ishigaki** instead of **New Ishigaki** on 7 August 2025.
- 2.3 METAR and SPECI have been issued for the entire 24-hour period for **Aomori** Airport (RJSA), **Kumamoto** Airport (RJFT), **Oita** Airport (RJFO) and **Toyama** Airport (RJNT) since March 2025 and for 11 (eleven) other aerodromes, listed on Table A of the ROBEX Handbook, since before.
- 2.4 Available time of METAR for **Sendai** Airport (RJSS) on Table A of the ROBEX Handbook is updated in accordance with actual operation.
- 2.5 **Attachment 1** to this paper contains the required updates to the Asia/Pacific Air Navigation Plan Vol. II to reflect the above changes raised in the paragraph 2.1 through 2.3, in addition to the changes presented by MET SG/28 WP/16.
- 2.6 **Attachment 2** to this paper contains the required updates to Table A and B of the ROBEX Handbook to reflect the above changes raised in the paragraph 2.1 through 2.4.

#### 3. ACTION BY THE MEETING

- 3.1 The meeting is invited to:
  - a) note the information contained in this paper;
  - b) endorse the proposed updates to the Asia/Pacific Air Navigation Plan Vol. II
    Table MET II-2 as provided in Attachment 1, and requests ICAO Secretariat to
    incorporate those updates into the latest draft for further approval by
    APANPIRG; and
  - c) request ICAO Secretariat to make the required changes to the ROBEX Handbook as provided in Attachment 2.

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#### MET SG/29 Attachment 1 to WP/12

## Attachment 1: Proposed updates to the Asia/Pacific Air Navigation Plan Volume II in addition to the changes presented by MET SG/28 WP/16

#### TABLE MET II-2

	Aerodrome (listed i where meteorologica provide	l service is	Responsible aeroc meteorological o	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
Japan	AOMORI	RJSA	RS	TOKYO INTL	RJTT	Y			X		F
	ASAHIKAWA	RJEC	RS	SAPPORO/NEW CHITOSE	RJCC	Y			X		F
	CHUBU CENTRAIR INTL	RJGG	RS	CHUBU CENTRAIR INTL	RJGG	Y		Y	X		F
	FUKUOKA	RJFF	RS	FUKUOKA	RJFF	Y		Y	X		F
	FUKUSHIMA	RJSF	RS	TOKYO INTL	RJTT	Y			X		F
	HAKODATE	RJCH	RS	SAPPORO/NEW CHITOSE	RJCC	Y			X		F
	HANAMAKI	RJSI	RS	TOKYO INTL	RJTT	Y			X		P
	HIROSHIMA	RJOA	RS	KANSAI INTL	RJBB	Y			X		F
	ISHIGAKI	ROIG	RS	NAHA	ROAH	Y			X		F
	KAGOSHIMA	RJFK	RS	FUKUOKA	RJFF	Y			X		P
	KANSAI INTL	RJBB	RS	KANSAI INTL	RJBB	Y		Y	X		F
	KITAKYUSHU	RJFR	RS	FUKUOKA	RJFF	Y		1	X		F
	KUMAMOTO	RJFT	RS	FUKUOKA	RJFF	Y			X		F
	KUSHIRO	RJCK	RS	SAPPORO/NEW CHITOSE	RJCC	Y			X		F
	MATSUYAMA	RJOM	RS	KANSAI INTL	RJBB	Y			X		P
	MIYAZAKI	RJFM	RS	FUKUOKA	RJFF	Y			X		F
	NAGASAKI	RJFU	RS	FUKUOKA	RJFF	Y			X		P
	NAHA	ROAH	RS	NAHA	ROAH	Y			X		F
	NARITA INTL	RJAA	RS	NARITA INTL	RJAA	Y		Y	X		F
	NEW ISHIGAKI	ROIG	RS	NAHA	ROAH	¥		1	X		F
	NIIGATA	RJSN	RS	TOKYO INTL	RJTT	Y			X		F
	OITA	RJFO	RS	FUKUOKA	RJFF	Y			X		F
	OKAYAMA	RJOB	RS	FUKUOKA	RJFF	Y			X		P
	SAGA	RJFS	RS	FUKUOKA	RJFF	Y			X		P
	SAPPORO/NEW CHITOSE	RJCC	RS	SAPPORO/NEW CHITOSE	RJCC	Y			X		F
	SENDAI	RJSS	RS	TOKYO INTL	RJTT	Y			X		P
	SHIMOJISHIMA	RORS	RS	NAHA	ROAH	Y			X		F
	SHIZUOKA	RJNS	RS	TOKYO INTL	RJTT	Y			X		P
	TAKAMATSU	RJOT	RS	KANSAI INTL	RJBB	Y			X		P
	TOKYO INTL	RJTT	RS	TOKYO INTL	RJTT	Y		Y	X		F
	TOYAMA	RJNT	RS	TOKYO INTL	RJTT	Y		1	X		F
	:		:	:	:		:		:		:
	:	·		:						<u> </u>	

#### MET SG/29 Attachment 2 to WP/12

# Attachment 2: Proposed updates to the Appendix A and B to the ROBEX Handbook <u>APPENDIX A, Table A: METAR</u>

1 ROC			2			4	5 DISSEMINATION TO		
		METAR Bulletin		Bul. Time	Available				
Name	cccc	BUL No.	сссс	Aerodrome			RODB/ROC	AFTN Address	
Tokyo	RJTD	SAJP31	RJAA	NARITA Inti	HH+00		BANGKOK	VTBBYPYX	
			RJBB	KANSAI Intl	HH+00		BRISBANE	YBBBYPYX	
			RJCH	HAKODATE	HH+00	<del>-22:00-11:00-</del>	NADI	NFFNYPYX	
			RJGG	CHUBU CENTRAIR Intl	HH+00		SINGAPORE	WSZZYPYM	
			RJOO	OSAKA Intl	HH+00	<del>-20:00-11:00</del>	TOKYO	RJTDYPYX	
			RJSS	SENDAI	HH+00	<del>-21:00</del> -12:00	Beijing	ZBBBYPYX	
			RJTT	TOKYO Intl	HH+00	22:00	Guam	PGUMCOAX	
			ROAH	NAHA	HH+00		Hong Kong	VHZZYPYX	
							Incheon	RKSIYPYX	
							London	EGZZMASI	
							Wellington	NZZZYPYX	
		SAJP32	RJCC	SAPPORO/New Chitose	HH+00		BANGKOK	VTBBYPYX	
			RJFF	FUKUOKA	HH+00		BRISBANE	YBBBYPYX	
			RJFK	KAGOSHIMA	HH+00	21:00-12:00	NADI	NFFNYPYX	
			RJFU	NAGASAKI	HH+00	22:00-12:00	SINGAPORE	WSZZYPYM	
			RJOA	HIROSHIMA	HH+00	-22:00-13:00	токуо	RJTDYPYX	
			RJFT	кимамото	HH+00	-22:00-12:00	Beijing	ZBBBYPYX	
			RJSN	NIIGATA	HH+00	22:00 12:00	Guam	PGUMCOAX	
			RJFO	OITA	HH+00	-22:00-13:00	Hong Kong	VHZZYPYX	
			RJOB	OKAYAMA	HH+00	22:00-12:00	Incheon	RKSIYPYX	
			RJOT	TAKAMATSU	HH+00	22:00-12:00	London	EGZZMASI	
			RJNK	KANAZAWA/Komatsu	HH+00		Wellington	NZZZYPYX	
			RJNT	TOYAMA	HH+00	-22:00-12:00			
		SAJP38	RJCK	KUSHIRO	HH+00	-22:00-11:00	BANGKOK	VTBBYPYX	
			RJCM	MEMANBETSU	HH+00	23:00-11:00	BRISBANE	YBBBYPYX	
			RJCB	OBIHIRO	HH+00	23:00-11:00	NADI	NFFNYPYX	
			RJOC	IZUMO	HH+00	-22:00-11:00	SINGAPORE	WSZZYPYM	
			RJOH	MIHO	HH+00		токуо	RJTDYPYX	
			RJOK	KOCHI	HH+00	-22:00-11:00	Beijing	ZBBBYPYX	
			RJFM	MIYAZAKI	HH+00	22:00 12:00	Brasilia	SBBRYZYX	
			ROIG	NEW ISHIGAKI	HH+00	21:00 11:00	Hong Kong	VHZZYPYX	
			RJNS	SHIZUOKA	HH+00	23:00-12:00	Incheon	RKSIYPYX	
			RJSA	AOMORI	HH+00	22:00-12:00	London	EGZZMASI	
			RJSF	FUKUSHIMA	HH+00	22:00-11:00	Rayong	VTBUYMYX	
			RJOM	MATSUYAMA	HH+00	22:00-12:00	rayong	VIDOTIMIX	
			RJEC	ASAHIKAWA	HH+00	22:00-12:00			
			RJSK	AKITA	HH+00	22:00-17:00			
			RJAH	HYAKURI	HH+00	22.00-12.00			
			RJFR	KITAKYUSHU	HH+00				
			RJFS	SAGA	HH+00	22:00-14:00			
			RJSI	HANAMAKI	HH+00	23:00-14:00			
	1	1	RORS	SHIMOJISHIMA	HH+00 HH+00	23:00-10:00			

#### MET SG/29 Attachment 2 to WP/12

#### **APPENDIX B, Table B: TAF**

1 2 3										
ROC		TAF Bulletin						Dissemination		
Name	cccc	BUL No.	cccc	Aerodrome	Filing time	Start of validity	TAF validity	RODB/ROC	AFTN address	
okyo	RJTD	FTJP31	RJAA	NARITA Intl	0525	0600	30	BANGKOK	VTBBYPYX	
			RJBB	KANSAI Intl	1125	1200	30	BRISBANE	YBBBYPY)	
			RJCH	HAKODATE	1725	1800	30	NADI	NFFNYPY	
			RJGG	CHUBU CENTRAIR Intl	2325	0000	30	SINGAPORE	WSZZYPY	
			RJ00	OSAKA Intl			30	TOKYO	RJTDYPYX	
			RJSS	SENDAI			30	Beijing	ZBBBYPY	
			RJTT	TOKYO Intl			30	Beirut	OLLLYPYX	
			ROAH	NAHA			30	Brasilia Colombo	SBBRYZY:	
								Guam	PGUMCOA	
								Hong Kong	VHZZYPY	
								Karachi	OPZZYPY:	
								London	EGZZMAS	
								Mumbai	VABBYPY	
								Noumea	NWCCYM	
								Rome	LIIBYMYX	
								Saipan	PGSNYM	
								Incheon	RKSIYPY	
								Washington	KWBCYM	
								Wellington	NZZZYPY	
		FTJP32	RJCC	SAPPORO/New Chitose	0525	0600	30	BANGKOK	VTBBYPY	
		FIJF32	RJFF	FUKUOKA/Fukuoka	1125	1200	30	BRISBANE	YBBBYPY	
			RJFK	KAGOSHIMA	1725	1800	30	NADI	NFFNYPY	
			RJFO	OITA	2325	0000	30	SINGAPORE	WSZZYPY	
			RJFT	KUMAMOTO			30	TOKYO	RJTDYPY	
			RJFU	NAGASAKI			30	Beijing	ZBBBYPY	
			RJNK	KANAZAWA/Komatsu			30	Beirut	OLLLYPY	
			RJNT	TOYAMA			30	Brasilia	SBBRYZY	
			RJOA	HIROSHIMA			30	Colombo	VCBIYMY	
			RJOB	OKAYAMA			30	Guam	PGUMCO.	
			RJOT	TAKAMATSU			30	Hong Kong	VHZZYPY	
			RJSN	NIIGATA			30	Incheon	RKSIYPY	
								Karachi	OPZZYPY	
								London	EGZZMAS	
								Mumbai	VABBYPY	
								Noumea	NWCCYM	
								Saipan	PGSNYM	
								Washington	KWBCYM	
		ET ID20	DICA	AOMORI	0525	0600	20	Wellington	NZZZYPY.	
		FTJP38	RJSA	AOMORI	0525	0600	30	BANGKOK	VERBYPY	
			RJSF	FUKUSHIMA	1125	1200	30	BRISBANE	YBBBYPY	
			RJSK	AKITA	1725	1800	30	NADI	NFFNYPY:	
			RJOM	MATSUYAMA	2325	0000	30	SINGAPORE	WSZZYPY	
			RJNS	SHIZUOKA			30	TOKYO	RJTDYPY	
			RJEC	ASAHIKAWA (civil)			30	Beijing	ZBBBYPY	
			RJAH	HYAKURI			30	Incheon	RKSIYPYX	
			RJCM	MEMANBETSU			30			
			RJCK	KUSHIRO			30			
			RJCB	OBIHIRO			30			
			RJOC	IZUMO			30			
			RJOH	міно			30			
			RJOK	KOCHI			30			
			RJFM	MIYAZAKI			30			
			ROIG	NEW ISHIGAKI			30			
			RJFR	KITAKYUSHU			30			
			RJFS	SAGA			30			
			RJSI	HANAMAKI			30			
	1	I	RORS	SHIMOJISHIMA	1	1	30	I	I	