Annex 3
Sixteenth Edition
Corrigendum
(E, A, F, R, S)
1/12/07

INTERNATIONAL STANDARDS
AND RECOMMENDED PRACTICES

METEOROLOGICAL SERVICE FOR INTERNATIONAL AIR NAVIGATION

ANNEX 3
TO THE CONVENTION ON INTERNATIONAL CIVIL AVIATION

SIXTEENTH EDITION — JULY 2007

CORRIGENDUM

1. Please replace pages APP 1-2 and APP 5-18, dated 7/11/07, by the attached new pages bearing the notation "Corr." and dated 1/12/07.

2. Record the entry of this Corrigendum on page (ii).

APPENDIX 1

FLIGHT DOCUMENTATION — MODEL CHARTS AND FORMS

(See Chapter 9 of this Annex.)

MODEL A	—	OPMET information
MODEL IS	—	Upper wind and temperature chart for standard isobaric surface
		Example 1 — Arrows, feathers and pennants (Mercator projection)
		Example 2 — Arrows, feathers and pennants (Polar stereographic projection)
MODEL SWH	—	Significant weather chart (high level)
		Example — Polar stereographic projection (showing the jet stream and vertical extent)
MODEL SWM	—	Significant weather chart (medium level)
MODEL SWL	—	Significant weather chart (low level)
	—	Example 1
	—	Example 2
MODEL VAG	—	Volcanic ash advisory information in graphical format
MODEL SVA	—	SIGMET for volcanic ash in graphical format
MODEL SGE	—	SIGMET for phenomena other than tropical cyclone and volcanic ash in graphical format
MODEL SN	—	Sheet of notations used in flight documentation

OPMET information **MODEL A**

ISSUED BY ..... METEOROLOGICAL OFFICE (DATE, TIME UTC) .....

INTENSITY

" – " (light); no indicator (moderate); " + " (heavy, or well-developed in the case of dust/sand whirls (dust devils) and funnel clouds) are used to indicate the forecast intensity of certain phenomena

DESCRIPTORS

MI – shallow	PR – partial	BL – blowing	TS – thunderstorm
BC – patches	DR – low drifting	SH – shower(s)	FZ – freezing (supercooled)

FORECAST WEATHER ABBREVIATIONS

DZ – drizzle	GS – small hail and/or snow pellets	SA – sand
RA – rain		HZ – haze
SN – snow	BR – mist	PO – dust/sand whirls (dust devils)
SG – snow grains	FG – fog	SQ – squall
IC – ice crystals (diamond dust)	FU – smoke	FC – funnel cloud(s) (tornado or waterspout)
PL – ice pellets	VA – volcanic ash	SS – sandstorm
GR – hail	DU – widespread dust	DS – duststorm

EXAMPLES

+SHRA – heavy shower of rain
FZDZ – moderate freezing drizzle
+TSSNGR – thunderstorm with heavy snow and hail
TSSN – thunderstorm with moderate snow
SNRA – moderate snow and rain

SELECTED ICAO LOCATION INDICATORS

CYUL	Montreal Pierre Elliot Trudeau/Intl	HECA	Cairo/Intl	OBBI	Bahrain Intl
		HKJK	Nairobi/Jomo Kenyatta	RJTT	Tokyo Intl
EDDF	Frankfurt/Main	KJFK	New York/John F. Kennedy Intl	SBGL	Rio de Janeiro/Galeão Intl
EGLL	London/Heathrow	LFPG	Paris/Charles de Gaulle	YSSY	Sydney/Kingsford Smith Intl
GMMC	Casablanca/Anfa	NZAA	Auckland Intl	ZBAA	Beijing/Capital

METAR CYUL 240700Z 27018G30KT 9999 SN FEW020 BKN045 M02/M07 Q0995=

METAR EDDF 240950Z 05015KT 9999 FEW025 04/M05 Q1018 NOSIG=

METAR LFPG 241000Z 07010KT 5000 SCT010 BKN040 02/M01 Q1014 NOSIG=

SPECI GMMC 220530Z 24006KT 5000 –TSGR BKN016TCU FEW020CB SCT026 08/07 Q1013=

TAF AMD NZAA 240855Z 240906 24010KT 9999 FEW030 BECMG 1113 VRB02KT 2000 HZ FM 22 24010KTCAVOK=

TAF ZBAA 240440Z 240606 13015KMH 6000 NSC BECMG 1516 2000 SN OVC040 TEMPO 1821 1000 SN BECMG 0001 32015KMH 3500 BR NSC BECMG 0304 32030G60KMH CAVOK=

TAF YSSY 240443Z 240606 05015KT 3000 BR SCT030 BECMG 1416 33008KT FM 22 04020KT CAVOK=

HECC SIGMET 2 VALID 240900/1200 HECA-
HECC CAIRO FIR SEV TURB OBS N OF N27 FL 390/440 MOV E25KMH NC.

Element	*Detailed content*	*Template*			*Examples*
		Identifier and time	*Content*	*Location*	
Sea-surface temperature and state of sea (O)	Sea-surface temperature and state of the sea if required by regional air navigation agreement	SEA:	Tnn HGT [n]n M		SEA: T15 HGT 5 M
Volcanic eruptions (M)	Name of volcano	VA:	nnnnnnnnnn *or* NIL		VA: ETNA

Notes.—

1. Fictitious location.
2. Free text describing well-known geographical locations should be kept to a minimum.
3. The location of the CB and/or TCU should be specified in addition to any widespread areas of broken or overcast cloud as given in the example.
4. When no elements are included in Section I.

Example A5-1. TAF

TAF for YUDO (Donlon/International):*

TAF YUDO 160000Z 160624 13018KMH 9000 BKN020 BECMG 0608 SCT015CB BKN020 TEMPO 0812 17025G45KMH 1000 TSRA SCT010CB BKN020 FM1230 15015KMH 9999 BKN020

Meaning of the forecast:

TAF for Donlon/International* issued on the 16th of the month at 0000 UTC valid from 0600 UTC to 2400 UTC on the 16th of the month; surface wind direction 130 degrees; wind speed 18 kilometres per hour; visibility 9 kilometres, broken cloud at 600 metres; becoming between 0600 UTC and 0800 UTC, scattered cumulonimbus cloud at 450 metres and broken cloud at 600 metres; temporarily between 0800 UTC and 1200 UTC surface wind direction 170 degrees; wind speed 25 kilometres per hour gusting to 45 kilometres per hour; visibility 1 000 metres in a thunderstorm with moderate rain, scattered cumulonimbus cloud at 300 metres and broken cloud at 600 metres; from 1230 UTC surface wind direction 150 degrees; wind speed 15 kilometres per hour; visibility 10 kilometres or more; and broken cloud at 600 metres.

* Fictitious location

Note.— In this example, the primary units "kilometre per hour" and "metre" were used for wind speed and height of cloud base, respectively. However, in accordance with Annex 5, the corresponding non-SI alternative units "knot" and "foot" may be used instead.

Example A5-2. Cancellation of TAF

Cancellation of TAF for YUDO (Donlon/International):*

TAF AMD YUDO 161500Z 160624 CNL

Meaning of the forecast:

Amended TAF for Donlon/International* issued on the 16th of the month at 1500 UTC cancelling the previously issued TAF valid from 0600 UTC to 2400 UTC on the 16th of the month.

* Fictitious location