

TABLE CNS-3 – RADIO NAVIGATION AIDS

Explanation of the TableColumn

- 1 Name of the country and city (and airport if different name to the city) or, for en-route aids, the location of the facility
- 2 The function and runway designation number:  
  
 NAP – non-precision approach  
 PA-I – precision approach, Category I followed by designation of runway  
 PA-II – precision approach, Category II followed by designation of runway  
 PA-III – precision approach, Category III followed by designation of runway  
 T – terminal  
 E – en-route  
  
*Note: Precision approach category refers to the standard of facility performance to be achieved and maintained in accordance with the relevant Annex 10 specifications and not to the specifications of the ILS equipment itself, which are not necessarily the same.*
- 3 The distance and altitude to which signal protection of the VOR or VOR/DME is required, indicated in nautical miles (NM) and thousands of feet, or rated coverage of NDB expressed in nautical miles.
- 4 ILS – Instrument Landing System
- 5 L – Locator, either associated with an ILS or for use as an approach aid to an aerodrome.
- 6 DME – Distance Measuring Equipment. Aligned with the ILS shown in column 4 when the DME is required to serve as a substitute for a marker beacon. When aligned with VOR in column 7, indicates the DME to be collocated with the VOR.
- 7 VOR – Very High Frequency (VHF) Omni directional radio Range
- 8 NDB – Non Directional Beacon
- 9 MLS – Microwave Landing System
- 10, 11 DGNSS – Differential Global Navigation Satellite System: GBAS and SBAS. Where requirements for DGNSS for PA-I approach and landing are planned, function and runway designation numbers should be entered as described in Column 3 above with planned implementation date.

**Column**

12 GNSS – Global Navigation Satellite System. Where requirements for GNSS for NPA, terminal area and en-route functions are planned, function and/or runway designation number should be entered with implementation dates as described in column 3 above.

13 Remarks:

*Note: The following codes are used in columns 5 to 12:*

*I - required and implemented;*

*X - required but implementation status undetermined;*

*N - required but not implemented;*

*A - existing facility, requirement for which is not specified;*

*(‘A’ is used to show a substitute facility for the requirement that is not yet implemented ‘N’)*

*F - Future plan, the requirement for which is not specified*

*<year - planned commissioning year, to be used as appropriate in conjunction with ‘F’ and ‘N’;*

*>year - planned decommissioning year, to be used as appropriate in conjunction with ‘A’ and ‘I’*

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>AMERICAN SAMOA</b>												
PAGO PAGO	PA-I 05		X	X	X	X						
	T				X	X						
	E				X	X						
<b>AUSTRALIA</b>												
ADELAIDE	PA-I 23		I>2020	I>2020	I	I>2020						
	NPA				I	I>2020						
	T				I	I>2020						
	E				I	I>2020						
ALICE SPRINGS	PA-I 12		I>2020		I	I>2020						
	NPA				I	I>2020						
	T				I	I>2020						
	E				I	I>2020						
AVALON	PA-I 18		I>2020		I	I>2020						
	NPA				I	I>2020					I	
	T				I	I>2020						
	E				I	I>2020						
BALLIDU	E					I>2010						
BINDOOK	E				I	I>2010						
BRISBANE	PA-I 01		I>2020	I>2010	I	I>2020						
	PA-I 19		I>2020		I	I>2020						
	NPA				I	>2020					I	
	T				I	I>2020						
	E				I	I>2010						
BROOME	NPA				I		I>2020				I	
	T				I		I>2020					
	E				I		I>2020					
CAIGUNA	E				I	I>2010						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
CAIRNS	PA-I 15		I>2020		I	I>2020						
	NPA-33		I>2020		I	I>2020					I	LLZ only
	T				I	I>2020						
	E				I	I>2020						
CANBERRA	PA-I 35		I>2020		I	I>2020						
	NPA				I	I>2020					I	
	T				I	I>2020						
	E				I	I>2020						
CARNARVON	E					I>2020						
CHRISTMAS IS	NPA				I	I>2020						
	T				I	I>2020						
	E				I	I>2020						
COCOS IS	NPA				I	I>2020						
	T				I	I>2020						
	E				I	I>2020						
COFFS HARBOUR	NPA				I	I>2020					I	
	T				I	I>2020						
	E				I	I>2020						
CURTIN	E				I	I>2020						
DARWIN	PA-I 29		I>2020		I	I>2020						
	NPA				I	I>2020					I	
	T				I	I>2020						
	E				I	I>2020						
DUBBO	NPA				I	I>2010	I>2020				I	
	T				I	I>2010	I>2020					
	E				I	I>2010	I>2020					
ESPERANCE	E				I	I>2010						
GOLD COAST	NPA				I	I>2020					I	
	T				I	I>2020						
	E				I	I>2020						
GOVE	E					I>2020						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
HOBART	PA-I 12 NPA T E		I>2020		I I I I	I>2020 I>2020 I>2020 I>2020						
HORN ISLAND	NPA T E						I>2020 I>2020 I>2020				I	
KALGOORLIE	NPA T E				I I I	I>2020 I>2020 I>2020					I	
KUNUNURRA	E				I	I>2010						
LAUNCESTON	PA-I 12 NPA T E		I>2020		I I I I	I>2020 I>2020 I>2020 I>2020						
LEARMONTH	NPA T E				I I I	I>2020 I>2020 I>2020					I	
LEIGH CREEK	E					I>2010						
LONGREACH	E					I>2010						
LORD HOWE IS	NPA T E				I I I		I>2020					
MALLACOOTA	E				I	I>2010						
MELBOURNE	PA-I 16 PA-I 27 NPA T E		I>2020 I>2020		I I I I I	I>2020 I>2020 I>2020 I>2020 I>2020					I	
MILDURA	E				I	I>2020						
MOUNT GAMBIER	E					I>2020						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
MOUNT HOPE	E				I	I>2010						
MOUNT ISA	E				I	I>2020						
NORFOLK IS	NPA				I	I>2020						
	T				I	I>2020						
	E				I	I>2020						
PARKES	E				I	I>2020						
PERTH	PA-I 03		I>2020		I	I>2020						
	PA-I 21		I>2020		I	I>2020						
	PA-I 24		I>2020		I	I>2020						
	NPA				I	I>2020					I	
	T				I	I>2020						
	E				I	I>2020						
PORT HEDLAND	NPA				I	I>2020					I	
	T				I	I>2020						
	E				I	I>2020						
ROCKHAMPTON	NPA				I	I>2020					I	
	T				I	I>2020						
	E				I	I>2020						
SYDNEY	PA-I 07		I>2020		I	I>2020						
	PA-I 16L		I>2020		I							
	PA-I 16R		I>2020		I	I>2020						
	PA-I 25		A>2010		I	I>2020						
	PA-I 34L		I>2020		I	I>2020						
	PA-I 34R		I>2020		I							
	NPA				I	I>2020						
	T				I	I>2020						
	E				I	I>2020						
TINDAL	PA-I 14		I>2020		I	I>2020						
	NPA				I	I>2020					I	
	T				I	I>2020						
	E				I	I>2020						
TOWNSVILLE	PA-I 01		I>2020		I							
	NPA				I	I>2020					I	
	T				I	I>2020						
	E				I	I>2020						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
WEIPA	E				I	I>2020	A					
WILLIAMSTOWN (NEWCASTLE)	PA-I 12 NPA		I>2020			I>2020	I					
<b>BANGLADESH</b>												
CHITTAGONG	PA-I 23		I		I	I						
	T				I	I						
	E	300/45			I	I						
COMILLA	E	300/45				I						
DHAKA (ZIA)	PA-I 14		I	I	I	I						
	PA-I 32		N		I	I						
	T				I	I						
	E	300/45			I	I						
RAJSHAHI	E	200/45				I						
SAIDPUR	E	200/45				I						
<b>BHUTAN</b>												
PARO	NAP			X		X						
	T			I		X	A					
	E	200/45				X						
<b>BRUNEI DARUSSALAM</b>												
BRUNEI	PA-I 21		I	I	I	I						
	T				I	I						
	E	200/45			I	I						
<b>CAMBODIA</b>												
PHNOM PENH (Pochentong)	PA-I 23		X	X	I	I						
	T				X	X						
	E	300/45			X	X						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
SIEM REAP (Ankor)	NPA			X	I	I	X					
	T				X	X						
	E	300/45			X	X	X					
<b>CHINA</b>												
ALTAY	E						I					
BOSE	E	200/45			I	I	I					
BAOTOU	E	200/45			I	I						
BANTAJI	E						I					
BEIJING (Capital)	PA-I 18R		I	I	I							
	PA-I 36L		I	I								
	PA-I 18L		I	I								
	PA-II 36R		I	I	I	I						
	T				I	I						
	E	200/45			I	I						
CHANGCHUN	E	200/45			I	I						
CHANGSHA	PA-I 36		I	I	I	I						
	PA-I 18		I	I								
	T				I	I						
	E	200/45			I	I						
CHANGWU	E						I					
CHAOYANG	E	200/45			I	I						
CHENGDU	PA-I 20		I	I	I	I						
	PA-I 02		I	I								
	T				I	I						
	E	200/45			I	I						
CHONGQING	PA-I 02		I	I	I	I						
	PA-I 20		I	I								
	T				I	I						
	E	200/45			I	I						
DAHUSHAN	E	200/45			I	I						
	E	100					I					



COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
DALIAN	PA-I 28 PA-I 10		I I	I I	I I	I I						
	T E	200/45			I I	I I						
DANDONG	E	200/45			I	I	I					
DARONGJIANG	E						I					
DAWANGZHUANG	E	200/45			I	I						
DENGKOU	E	200/45			I	I						
DONGYANGJIAO	E	100					I					
DOUJIANG	E	100					I					
EREN	E	200/45			I	I						
ERTANG	E	100					I					
FENGNING	E	100					I					
FUJIACHANG	E	200/45			I	I	I					
FUKANG	E	200/45			I	I						
FUQING	E				I	I						
FUZHOU	PA-I 03 PA-I 21		I I	I I	I I	I I						
	T E	200/45			I I	I I						
GANZHOU	E	200/45			I	I	I					
GAOXIONG	PA-I 09		X	X	X	X						
	T E	300/45			X X	X X						
GAOYAO	E	200/45			I	I						
GENGMA	E	200/45			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
GUANGZHOU (Baiyun)	PA-I 02L		I	I	I							
	PA-I 20R		I	I	I							
	PA-II 02R		I	I	I							
	PA-II 20L		I	I	I							
GUBEIKOU	E	80					I					
GUILIN	PA-I 01		I	I	I	I						
	PA-I 19		I	I	I							
	T				I	I						
	E	200/45			I	I						
GUIYANG	E	200/45			I	I						
HAILAR	E	200/45			I	I						
HAMI	E	200/45			I	I						
HANGZHOU	PA-I 07		I	I	I	I						
	NPA			I	I	I	I					
	T				I	I						
	E	200/45			I	I						
HARBIN (Taiping)	PA-I 23		I	I	I	I						
	PA-I 05		I	I								
	T				I	I						
	E	200/45			I	I						
HEFEI (Luogang)	PA-I 14		I	I	I	I						
	NPA			I			I					
	T				I	I						
	E	200/45			I	I						
HEKOU	E	80					I					
HOHHOT	PA-I 08		I	I	I	I						
	NPA			I			I					
	T				I	I						
	E	200/45			I	I						
HOULUNG	E	300/45			X	X						
HUAILAI	E	80					I					

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
HUAIROU	E	200/45			I	I						
HUALIAN	E	300/45			I	I						
HUAYUAN	E	200/45			I	I	I					
HUGUANG	E						I					
JINAN (Yaoqiang)	PA-I 01		I	I	I	I						
	T				I	I						
	E	200/45			I	I						
JINGHONG	E	200/45			I	I						
JINGNING	E	200/45			I	I	I					
JINGTAI	E	200/45			I	I						
JIUQUAN	E				I	I						
KAIYUAN	E	200/45			I	I						
KASHI	PA-I 08		I	I	I	I						
	PA-I 26		I	I	I							
	T				I	I						
	E	200/45			I	I						
KUNMING (Wujiaba)	PA-I 03		I	I	I	I						
	PA-I 21		I									
	T				I	I						
	E	200/45			I	I						
KUQA	E	200/45			I	I						
LAIBIN	E	200/45			I	I						
LANZHOU(Zhongchuan)	PA-I 36		I	I	I	I						
	NPA						I					
	T				I	I						
	E	200/45			I	I						
LAOLIANGCHANG	E	200/45			I	I						
LIANGCHENG	E	100					I					

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
LIANJIANG	E	200/45			I	I						
LIANSHENGWEI	E	200/45			I	I	I					
LILING	E	200/45			I	I						
LINLI	E	80					I					
LISHUI	E	80					I					
LONGKOU	E	200/45			I	I	I					
LONGMEN	E	80					I					
LONGZHOU	E	80					I					
LUXI	E	200/45			I	I	I					
MAGUOHE	E	80					I					
MAKUNG	E	300/45			X	X						
	E	80					X					
NANHUI	E	200/45			I	I						
NANNING (Lukou)	PA-I 06		I	I	I	I						
	PA-I 24		I	I								
	T				I	I						
	E	200/45			I	I						
NANNING (Wuxu)	PA-I 05		I	I	I	I						
	NPA			I			I					
	T				I	I						
	E	200/45			I	I						
NANTONG	E	200/45			I	I	I					
NANXIONG	E	80					I					
NANXUN	E	80					I					
PINGZHOU	E	200/45			I	I	I					
PEIXIAN	E	200/45			I	I						
POTOU	E	100			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
QIANXI	E	200/45			I	I						
QIEMO	E	200/45			I	I						
QINGBAIKOU	E	80					I					
QINGDAO	PA-I 35		I	I	I	I						
	PA-I 17		I	I								
	T				I	I						
	E	200/45			I	I						
QIQIHAR	E	200/45			I	I	I					
SANYA	PA-I 08	200/45	I	I	I	I						
	PA-I 26		X	I		X	I					
	T				I	I						
	E	200/45			I	I						
SHACHE	E	200/45			I	I						
SHANGRAO	E	200/45			I	I						
SHANGHAI (Honggiao)	PA-I 18		I	I	I	I						
	PA-I 36		I	I	I	I						
	T				I	I						
	E	200/45			I	I						
SHANGHAI (Pudong)	PA-I 17		I	I	I	I						
	PA-I 35		I	I	I	I						
	PA-II 16		I	I	I							
	PA-II 34		I	I	I							
	T				I	I						
SHENTOU	E	200/45			I	I	I					
SHENYANG (Taoxian)	PA-I 06		I	I	I	I						
	PA-I 24		I	I								
	T	200/45			I	I						
	E	200/45			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
SHENZHEN	PA-I 33 PA-I 15	200/45	I I	I I	I I	I I						
	T E	200/45			I I	I I						
SHILONG	E	200/45			I	I	I					
TACHENG	E				I		I					
TAIBEI (Songshan)	PA-I 10		X	X								
TAIBEI (Taoyuan)	PA-II 05L PA-II 23R PA-I 06 PA-I 24		X X X X	X X	X X X X	X X X X						
	T E				X X	X X						
TAIYUAN (Wusu)	PA-I 31 PA-I 13		I I	I I		I						
	T/E	200/45			I	I						
TIANJIN (Binhai)	PA-I 34 PA-I 16		I I	I I	I I	I I						
	T E	200/45			I I	I I						
TANGHEKOU	E	80					I					
TIANZHEN	E	80					I					
TONGLIAO	E	200/45			I	I	I					
TONGLU	E	200/45			I	I						
TUMURTAI	E E	200/45 100			I I	I I						
ULANHOT	E	200/45			I	I	I					
URUMQI (Diwopu)	PA-I 25 PA-I 07		I I	I I	I I	I I						
	T E	200/45			I I	I I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
WAFANGDIAN	E	80					I					
WANGBINGOU	E	80					I					
WANGQING	E	200/45			I	I						
WEIXIAN	E	200/45			I	I						
WONGYUAN	E	200/45			I	I	I					
WUFENGXI	E	200/45			I	I	I					
WUHAN (Tianhe)	PA-I 04		I	I	I	I						
	PA-I 22		I	I	I							
	T				I	I						
	E	200/45			I	I						
WUXI	E	200/45			I	I						
XIAMEN (Gaoqi)	PA-I 05	200/45	I	I	I	I						
	PA-I 23		I	I	I							
	NPA			I			I					
	T				I	I						
	E	200/45			I	I						
XI'AN (Xianyang)	PA-I 05		I	I	I	I						
	PA-I 23		I	I								
	T				I	I						
	E	200/45			I	I						
XICHANG (Qingshan)	PA-I 36		I	I	I	I						
	NPA			I			I					
	T				I	I						
	E	200/45			I	I						
XINGLIN	E	80					I					
XINGTANG	E	80					I					
XUEJIADAO	E	200/45			I	I						
XUYONG	E	200/45			I	I						
YABRAI	E	100					I					
YINGDE	E	200/45			I	I	I					

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
YINCHUAN	E	200/45			I	I	I					
YUNHE	E	80					I					
ZHOUKOU	E	200/45			I	I	I					
<b>HONG KONG, CHINA</b>												
HONG KONG INT'L AIRPORT	PA-II 07R		I		I	I	I		F			
	PA-II 25L		I		I	I	I		F			
	PA-II 07L		I		I	I			F			
	PA-III 25R		I		I	I			F			
	NPA										F	
	T					I	I					
	E	200/45			I	I						
	E	500					I					
<b>MACAU, CHINA</b>												
MACAU	PA-II 34		I		I	I						
	IGS 16		A		A							
	T				I	I						
	E	200/45			I	I						
<b>COOK ISLANDS</b>												
AVARUA (Rarotonga Intl)	NPA			X	X	X						
	T				X	X						
	E	300/45			X	X						





COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
GUAM I. (Anderson AFB)	PA-I 06R		X		X	X						
	T				X	X						
	E	300/45			X	X						
ROTA I. (Rota Int'l)	NPA						I				I	
<b>INDIA</b>												
AHMADABAD	PA-I 23		I	I	I							
	T				I	I	I					
	E	200/45			I	I	I					
AMRITSAR	PA-I 34		I		I							
	T				I	I	I					
	E	200/45			I	I	I					
BANGALORE	PA-I 27		I		I							
	T				I	I	I					
	E	200/45			I	I	I					
CALICUT	PA-I 28		I		I							
	T				I	I	I					
	E	200/45			I	I	I					
CHENNAI	PA-I 07		I	I	I							
	T				I	I	I					
	E	200/45			I	I	I					
COCHIN (Int'l)	PA-I 27		I	I	I							
	T				I	I	I					
	E	200/45			I	I	I					
COIMBATORE	PA-I 23		I		I							
	T				I	I	I					
	E				I	I	I					

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
DELHI (Indira Ghandi Int'l)	PA-III 28		I	I	I							
	PA-I 27		I	I	I							
	PA-I 10		I		I							
	T				I	I	I					
	E	200/45	I		I	I	I					
GAYA	T				I	I						
	E	200/45			I	I						
GUWAHATI	PA-I 02		I		I							
	T				I	I	I					
	E	200/45			I	I	I					
HYDERABAD	PA-I 27		I		I							
	T				I	I	I					
	E	200/45			I	I	I					
JAIPUR	PA-I 27		I	I	I							
	T				I	I	I					
	E	200/45			I	I	I					
KOLKATA	PA-I 19L		I	I	I							
	PA-I 01R		I	I	I							
LUCKNOW	PA-I 27		I		I							
	T				I	I	I					
	E	200/45			I	I	I					
MUMBAI (Chhatrapati Shivaji Int'l)	PA-I 27		I	I	I							
	PA-I 14		I		I							
	PA-I 09		I		I							
	T				I	I	I					
	E	200/45			I	I	I					
NAGPUR	PA-I 32		I	I	I							
	T				I	I	I					
	E	200/45			I	I	I					
TIRUCHCHIRAPPALLI	PA-I 27		I		I							
	T				I	I	I					
	E				I	I	I					

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
TRIVANDRUM	PA-I 32		I	I	I							
	T				I	I	I					
	E	200/45			I	I	I					
VARANASI	PA-I 09		I		I							
	T				I	I	I					
	E	200/45			I	I	I					
<b>INDONESIA</b>												
AMBON (Patimura)	PA-I 22		I	I	I	I	I				I	
	NPA											
	T				I	I						
	E	300/45			I	I	I>2010					
BALI (Ngurah Rai)	PA-I 27		I		I	I	I					
	NPA										I	
	T				I	I						
	E	300/45			I	I	I>2010					
BALIKPAPAN (Sepingan)	PA-I 25		I	I	I	I	I					
	NPA										I	
	T				I	I	I					
	E	200/45			I	I	I					
BANJARMASIN (Syamsuddin Noor)	PA-I 10		I			I						
	NPA										I	
	E	200/45			I	I	I>2010					
BATAM (Hang Nadim)	PA-I 04		I		I	I						
	NPA										I	
	T				I	I						
	E	200/45			I	I	I					
BIAK (Frans Kaiseipo)	PA-I 11		I		I	I						
	NPA										X	
	T				I	I						
	E	300/45			I	I	I					

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
JAKARTA (Halim Perdanakusuma)	PA-I 24		I	I	I	I						
	T				I	I						Note A
	E	300/45			I	I						
JAKARTA (Soekarno Hatta Int'l)	PA-I 07R		I	I								
	PA-I 07L		I	I								
	PA-I 25R		I	I								
	PA-I 24L		I	I								
	T			I	I	I						
	E	300/45			I	I						
JAYAPURA (Sentani)	PA-I 30		I	X	I	I						
	NPA										X	
	T				I	I						
	E	300/45			I	I						
KETAPANG	PA-I 34		N		N	N	A					
	NPA										I	
	T				N	N	A					
	E	300/45			N	N	A					
KUPANG (El Tari)	NPA						I					
	T				I	I						
	E	300/45			I	I						
MANADO (Sam Ratulangi)	PA-I 36		I	X	I	I						
	PA-I 18		I									
	T				I	I	I					
	E	300/45			I	I	I					
MEDAN (Polonia)	PA-I 05		I		X	X	I					
	NPA										N	
	T				I	I	I					
	E	300/45			I	I						
MERAUKE (Mopah)	NPA			X	I	I	I				I	
	T				I	I						
	E	300/45			I	I	I>2010					

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
PADANG (Ketaping)	PA-I 33 NPA			I	I	I	I				N	
	T				I	I	I					
	E	300/45			I	I	I					
PALEMBANG (Sultan Mahmud Badaruddin II)	PA-RW		I	X	X	I						
	T				I	I	I					
	E	300/45			I	I	I					
PANGKALPINANG (Depati Amir)	NPA				I	I						
	T				I	I	I					
	E	300/45			I	I	I					
PEKANBARU (Sultan Syarif Kaslem)	PA-I 36 NPA		I	X	I	I					I	
	T				I	I	I					
	E	300/45			I	I	I					
PONTIANAK (Supadio)	PA-I 15		I	X	X	I	I					
	E	300/45			I	I						
SURABAYA (Juanda)	PA-I 10		I	X	X	I	I					
	T				I	I						
	E	300/45			I	I						
TANJUNG PINANG (Kijang)	NPA			X	I	I	I					
	E	300/45			I	I						
TARAKAN (Suwata)	NPA			X	I	I	I				I	
	T				I	I						
	E	300/45			I	I						
TIMIKA (Tembagapura)	NPA			X	I	I					I	
	E	300/45			X	X	I>2010					

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
UJUNG PANDANG (Hasanuddin)	PA-I 13		I	X	I	I						
	NPA										I	
	T				I	I	I					
	E	300/45			I	I	I>2010					
<b>JAPAN</b>												
AKITA	E	200/45			I	I						
ASAHIKAWA	E	200/45										
CHUBU	PA-II 18		I		X	X						
	PA-II 36		I		I							
	E				I	I						
DAIGO	E	200/45			I	I						
ERABU	E	200/45			I	I						
FUKUE	E	200/45			I	I						
FUKUOKA	PA-I 16		I	I	I	I						
	T				I	I						
	E	200/45			I	I						
GOBOH	PA-I 34		I		I							
	E	200/45			X	X						
HAKODATE	PA-I 12		I	X	I	I	I					
	T				I	I						
	E	200/45			I	I						
HIROSHIMA	PA-I 10		I		I	I						
	NPA			I	I	I						
	T				I	I						
	E	200/45			I	I						
IKISHIMA	E	200/45			I	I						
IWAKI	E	200/45			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
KAGOSHIMA	PA-I 34		I	X	I	I						
	T				I	I						
	E	200/45			I	I						
KOMATSU	E	200/45			I	I						
KOWA	E	200/45			I	I						
KUGA	E	200/45			I	I						
KUMAMOTO	PA-III 07		I									
	PA-I 07		I	I	I	I						
	T				I	I						
	E	200/45			I	I						
KUSHIMOTO	E	200/45			I	I						
MIHO	E	200/45			I	I						
MINAMI DAITO	E	100					I					
MIYAKE JIMA	E	200/45			I	I						
MIYAZU	E	200/45			I	I						
NAGASAKI	PA-I 32		I	I	I	I	I					
	T				I	I						
	E	200/45			I	I						
NAGOYA	PA-I 34		I	I	I	I	I					
	T				I	I						
	E	200/45			I	I						
NAHA	PA-I 36		I	I	I	I	I					
	T				I	I						
	E	200/45			I	I						
NIIGATA	PA-I 28		I	X	x	I						
	T				x	I						
	E	200/45			x	I						
OITA	PA-I 01		I	X	I	I						
	T				I	I						
	E	200/45			I	I						
OKAYAMA	PA-I 07		I		I	I						



COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
	T				I	I						
	E	200/45			I	I						
OKINAWA	E	200/45			I	I						
ONJUKU	E	200/45			I	I						
OSAKA	PA-I 32L		I	I	I	I						
	T				I	I						
	E	200/45			I	I						
OSAKA (Kansai Int'l)	PA-II 06		I		I							
	PA-II 24		I	I	I							
	T				I	I						
OSHIMA	E	200/45			I	I						
OTSU	E	200/45			I	I						
REBUN	E	200/45			X	X						
SAPPORO (New Chitose)	PA-I 01R		I		I	I	I					
	PA-I 01L		I	X								
	PA-I 19R		I	I								
	T				I	I						
	E	200/45			I	I						
SENDAI	PA-I 27		I		I	I	I					
	T				I	I						
	E	200/45			I	I						
SHIMIZU	E	200/45			I	I						
SHINODA	E	200/45			I	I						
TAKAMATSU	PA-I 26		I		I	I						
	T				I	I						
	E	200/45			I	I						
TANEGASHIMA	E	200/45			I	I						
TATEYAMA	E	200/45			I	I						



COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>MALAYSIA</b>												
ALOR SETAR (Sultan Abdul Halim)	PA-II 04		F<2006		F<2006							
	NPA				I	I	I>2015				RWY 04 F<2007	
	T				I	I						
	E	200/45			I	I	I					
IPOH (Sultan Azian Shah)	PA-I 04		I	I	I	I						
	NPA				I	I	I>2015					
	T				I	I						
	E	200/45			I	I						
JOHOR BAHRU	PA-I 16		I		I	I	I					
	NPA				I	I	I>2015					
	T				I	I	I>2015					
	E	150/45			I	I	I>2015					
KERTEH	PA-I 34		I	A>2015	I		I>2015					
	NPA				I	I						
	T				I	I						
	E	200/45			I	I						
KOTA BHARU (Sultan Ismail Petra)	NPA			I>2015	I	I					RWY 20, 02, F<2015	
	T				I	I						
	E	200/45			I	I	I					
KOTA KINABALU	PA-I 02		I		I							
	T				I	I						
	E	200/45			I	I						
SEPANG (Kuala Lumpur Int'l)	PA-I 32R		I		I				F<2015			
	PA-I 14L		I		I				F<2015			
	PA-I 32L		I		I				F<2015			
	PA-I 14R		I		I				F<2015			
	NPA				I	I					32 L, 14R	
	T				I	I					F<2006	
	E	200/45			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
SUBANG (Sultan Abdul Aziz Shah)												
	PA-I 33		I	F<2015	I				F<2015			
	PA-I 15		I	F<2015	I	I			F<2015			
	NPA			I>2015	I	I	I>2015				F<2007	
	T				I	I						
E	200/45			I	I							
KUANTAN	PA-I 18		I		I							*VOR/TACAN
	NPA			I>2005	I	I						
	T				I	I						
	E	200/45			I	I						
KUCHING	PA-I 25		I	I	I	I	I					
	NPA				I	I	I>2015				RWY 25, 07 F<2007	
	T				I	I						
	E	200/45			I	I	I					
LABUAN	PA-I 14		I		I							
	NPA			I>2015	I	I						
	T				I	I						
	E	200/45			I	I						
MALACCA	NPA			I	I	I	I>2015					
	T				I	I						
	E	200/45			I	I						
MIRI	PA-I 02		I	I	I	I						
	NPA				I	I	I>2015					
	T				I	I						
	E	200/45			I	I						
PENANG	PA-I 22		I		I	I						
	NPA			I>2015	I	I					RWY 22, 04 F<2006	
	T				I	I						
	E	200/45			I	I						
PULAU LANGKAWI	PA-I 03		I		I	I	I>2015					
	NPA			I>2015	I	I						
	T				I	I						
	E	200/45			I	I	I					

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
SANDAKAN	PA-I 08 NPA		I		I	I	I					
	T				I	I	I					
	E	200/45			I	I						
SIBU	PA-I 31 NPA		I		I	I	I					
	T				I	I	I					
	E	200/45			I	I						RWY 13, 31 F<2007
TAWAU	PA-I 24 NPA		I		I	I						
	T				I	I						
	E	200/45			I	I						
KUALA TRENGGANU (Sultan Mahmud)	PA-I 04 NPA		F<2006		N							
	T			I>2015	I	I						
	E	200/45			I	I						
MERSING	E	200/45			I	I						
PULAU TIOMAN	NPA				I	I	I>2015					
	T				I	I						
	E	200/45			I	I						
<b>MALDIVES</b>												
GAN	NPA			N	N	N	I					
	T				N	N						
	E	200/30			N	N						
MALE (Hulul)	PA-I 36 T		I	N	I	I						
	E	300/45			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>MARIANA IS. (UNITED STATES)</b>												
MAJURO ATOLL (Marshall Is. Int'l)	NPA				X	X	I				I	
	T				X	X						
	E	300/45			X	X						
SAIPAN I. (Obyan/Saipan Int'l)	PA-I 07		X			X	I					
	T					X						
	E	300/45				X						
	NPA										I	
<b>MICRONESIA, FEDERATED STATES OF</b>												
KOSARE	NPA			X	X						I	
	T				X	X						
	E	300/45			X	X						
MOEN I. (Truk Int'l)	NPA			X	X							
	T				X	X						
	E	300/45			X	X						
POHNPEI I.	NPA				X	X					I	
	T				X	X						
	E	200/45			X	X						
YAP I.	NPA			X	I	X	I				I	
	T				X	X						
	E	300/45			X	X						
WENO I. (Chuuk Int'l)	NPA				I		I				I	
<b>MONGOLIA</b>												
ULAANBAATAR (Buyant Ukhaa)	PA-I 14		I	I	I	I						
	T				I	I						
	E	300/45			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>MYANMAR</b>												
DAWEI	E	300/45			X	X						
	E	100					X					
MANDALAY	E	300/45				X						
PATHEIN	E	300/45				X						
YANGON	PA-I 21		X	X	X	X						
	T				X	X						
	E	300/45			X	X						
<b>NAURU</b>												
NAURU	NPA			X	X	X						
	T				X	X						
	E	300/45			X	X						
<b>NEPAL</b>												
BHAIRAHAWA	E	150/30			X	X						
BIRATNAGAR	E	300/45			X	X						
JANAKPUR	E	200/45				X						
KATHMANDU (Tribhuvan Intl)	NPA			X	X	X						
	T				X	X						
	E	300/45			X	X						
NEPALGUNJ	E	200/45			X	X						
SIMRA	E	300/45			X	X						
<b>NEW CALEDONIA (FRANCE)</b>												
NOUMEA (La Tontouta)	PA-I 11		I	I	I	I						
	T				I	I	I					
	E	300/45			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>NEW ZEALAND</b>												
AUCKLAND	PA-I 05		I	I	I							
	PA-I 23		I	I	I							
	T				I	I						
	E	300/45			I	I						
CHRISTCHURCH	PA-I 02		I	I	I	I						
	PA-I 20		I	I	I							
	T				I	I						
	E	300/45			I	I						
HOKITIKA	E	250			I		I					
WELLINGTON	NPA 16		I	I	I							
	NPA 34		I		I							
	T				I	I						
	E	200/45			I	I						
NIUE												
ALOFI (Niue Int'l)	NPA			X								
	T				X		X					
	E	250			X		X					
<b>PAKISTAN</b>												
BINDU	E	200/45				I						
CAPE MONZE	E	50					I					
CHORE	E	150					I					
GAWADAR	NPA						I					
	T						I					
	E	100					I					
ISLAMABAD (Chaklala)	PA-I 30		I		I	I						TDME/ILS
	T				I	I						DME/VOR
	E	200/45			I	I						
JIWANI	E	200/45			I	I	I					



COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
KARACHI (Quaid E Azam Int'l)	PA-I 25R		I	I		I						MARKERS/ILS
	PA-I 25L		I		I	I						TDME/ILS
	T E	200/45			I	I	I					DME/VOR
LAHORE	PA-II 36R		I	I	I	I	I					TDME/ILS
	T				I	I	I					DME/VOR
	E	200/45			I	I	I					
MULTAN	E	200/45				I	I				TDME/VOR	
NAWABSHAH	NPA				I	I	I					DVOR/DME
	T				I	I	I					
	E	200/45			I	I	I					
PANJGUR	E	200/45			I	I	I				DME/VOR	
PESHAWAR	NPA				I	I						DME/VOR
	T				I	I						
	E	200/45			I	I						
RAHIM YAR KHAN	E	200/45			I	I	I				DME/VOR	
SUKKUR	E	100					I					
TURBAT	E	100					I					
ZHOB	E				I	I	I					DME/VOR
<b>PALAU</b>												
KOROR/Koror	NPA	200/45		X	X	X	X					
					X		X					
<b>PAPUA NEW GUINEA</b>												
MADANG	E	300/45			X	X	A					
MOUNT HAGEN	NINST				X		A					
NADZAB		200/45		A	X	X						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
PORT MORESBY (Jacksons)	PA-I 14L		X	X	X	X	A					
	PA-I 32R		X		X	X						
	T				X	X						
	E	200/45			X	X						
VANIMO	NINST				X		A					
WEWAK	E	300/45			X	X	A					
<b>PHILIPPINES</b>												
CABANATUAN	E	300/45			I	I						
CLARK (Diosdado Macapagal Int'l)	PA-I 02R		I		I	I						
	PA-I 20L		I		I	I						
	T		I		I	I	I					
COTABATO	E	300/45			I	I						
DAVAO (Francisco Bangoy Int'l)	PA-I 05		I		I	I						
	PA-I 23		I		I	I						
	T				I	I	I					
	E	300/45			I	I	I					
JOMALIG	E	300/45			I	I						
LAOAG	NPA				I	I						
	T				I	I						
	E	300/45			I	I						
LAPU LAPU (Mactan Int'l)	PA-I 04		I		I	I						
	PA-I 22		I		I	I						
	T				I	I	I					
	E	300/45			I	I	I					
LUBANG	E	300/45			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
MANILA (Ninoy Aquino Int'l.)	PA-I 24		I		I	I						
	PA-I 06		I		I	I						
	T				I	I						
	E				I	I						
SUBIC BAY INT'L	PA-I 25		I		I	I						
	PA-I 07		I		I	I						
	T				I	I	I					
<b>REPUBLIC OF KOREA</b>												
ANYANG	E	200/45			I	I						
BUSAN (Gimhae Int'l)	PA-II 36L		I		I	I						
	PA-I 36R		I		I	I						
	T				I	I						
	E	200/45			I	I						
CHEONGJU Int'l	PA-I 24R		I		I							
	NPA-24R				I	I						
	T				I	I						
DAEGU Int'l	PA-I 31L		I		I							
	NPA-31L				I	I						
	T				I	I						
DALSUNG	E	200/45			I	I						
GANGWON	E	200/45			I	I						
GIMPO Int'l	PA-II 14R		I		I							
	PA-I 14L		I	I	I							
	PA-I 32R		I	I	I							
	NPA- 32R				I	I						
	PA-I 32L		I		I							
	NPA-32L				I	I						
T				I	I							
GIMHAE Int'l	NPA-36L				I	I						
	PA-I 36R		I		I							
	PA-I 36L		I		I							
	NPA-36R				I	I						
	T				I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
GUNSAN	PA-I 18 PA-I 36		I I		I I	I I						
INCHEON (Int'l)	PA-III 15R NPA-15L PA-III 33L NPA-33L PA-III 15L PA-III 33R NPA 33R T		I  I  I I		I I I I I I I	I  I I						
JEJU Int'l.	PA-I 06 PA-I 24 NPA 06 NPA 24 T E		I I		I I I I	I I					200/45	
KWANGJU	PA-I 04R E		I		I I	I I					200/45	
KWAMGWON	E				I	I					200/45	
MUAN Int'l	PA-I 18 PA-I 36		X X		X X	X X						I>2008 I>2008
POHANG	NPA 10 T E				I I I	I I I					200/45	
SACHEON	PA-I 24R		I		I	I						
SEOULGimpo Int'l	PA-II 14R PA-I 14L PA-I 32R PA-I 32L T		I I I I		I I I I	I I I I						
TALSUNG	E				I	I					200/45	
ULJIN	PA-I 17 PA-I 35		X X		X X	X X						I>2008 I>2008

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
ULSAN	PA-I 36		I		I	I						
YANGJU	E	200/45			I	I						
YANGYANG Int'l	PA-I 33		I		I							
	NPA-33				I	I						
	T				I	I						
YECHEON	PA-I-28		I		I							
	E	200/45			I	I						
YEOSU	PA-I 17		I		I	I						
<b>SAMOA</b>												
APIA (Faleolo Int'l)	NPA			X	X	X						
	T				X	X						
	E	300/45			X	X						
<b>SINGAPORE</b>												
SINGAPORE (Singapore Changi)	PA-II		I>2025		I				PA-II		NPA	
	02L								02L		02L	
									F<2015		F<2007	
	PA-I		I>2025		I				PA-I		NPA	
	20R								20R		20R	
									F<2015		F<2007	
	PA-I		I>2025		I	I>2013			PA-I		NPA	
	02C								02C		02C	
									F<2015		F<2007	
	PA-II		I>2025		I	I>2013			PA-II		NPA	
	20C								20C		20C	
									F<2015		F<2007	
	T				I	I>2013					F<2007	
	E	200/45			I	I>2013					F<2007	

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
SINGAPORE (Paya Lebar)	NPA				A	I>2013						
	T				A	I>2013						
SINGAPORE (Seletar)	NINST						A					
<b>SOLOMON ISLANDS</b>												
HONIARA (Henderson)	NPA			X	X	X						
	T				X	X						
	E	300/45			X	X						
<b>SRI LANKA</b>												
COLOMBO (Katunayake)	PA-I 04		N	I	I	I						
	PA-I 22		I	I	I	I						
	T				I	I						
	E	300/45			I	I						
<b>THAILAND</b>												
BANGKOK	PA-I 03L		I		I							
	PA-I 21L		I		I							
	PA-II 21R		I	I								
	NPA			I	I	I						
	T				I	I						
	E	200/35			I	I						
	CHIANG MAI	PA-I 36	I	I	I				F<2020			
	NPA				I	I					F<2010	
	T				I	I	I>2020					
	E	200/30			I	I						
CHIANG RAI	PA-I 03		I		I							
	NPA				I	I					F<2015	
	T				I	I	I>2020					
	E	200/45			I	I						
KHON KAEN	NPA				I	I	I>2020				F<2010	
	T				I	I	I>2020					
	E	200/45			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
PHITSANULOK	PA-I 32		I		I							
	NPA				I	I					F<2015	
	T				I	I	I>2020					
	E	200/30			I	I						
PHUKET	PA-I 26		I		I				F<2020			
	NPA				I	I					F<2010	
	T				I	I	I>2020					
	E	200/35			I	I						
SONGKHLA (Hat Yai Int'l)	PA-I 26		I	I	I							
	NPA				I	I					F<2010	
	T				I	I	I>2020					
	E	200/45			I	I						
SURAT THANI (Surat Thani)	PA-I 22		I		I	I						
	NPA				I	I					F<2015	
	T				I	I	I>2020					
	E	200/45			I	I						
SUARNABHUMI	PA-II 01L		I		I				F<2020			
	PA-II 01R		I		I				F<2020			
	PA-II 19L		I		I				F<2020			
	PA-II 19R		I		I							
	NPA				I	I			F<2010			
	T	200/45			I	I						
UBON- RATCHATHANI	PA-I 23		I		I							
	NPA				I	I					F<2015	
	T				I	I	I>2020					
	E	300/45			I	I						
UTAPAO	PA-I 18		I	I	I							
	NPA				I	I					F<2015	
	T				I	I	I>2020					
	E	200/45			I	I						

COUNTRY CITY/LOCATION (Airport)	Function/ Runway	Coverage	ILS	L	DME	VOR	NDB	MLS	DGNSS		GNSS	Remarks
									GBAS	SBAS		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>TIMOR-LESTE</b>												
DILI (Komoro)	NPA				I	I					I	
	T				I	I	I					
	E	200/45			I	I	I					
<b>TONGA</b>												
TONGATAPU (Fua'amotu Int'l)	NPA				I	I	I					
	T				I	I	I					
	E	200/45			I	I	I					
VAVA'U	NPA						I					
	T						I					
	E	200					I					
<b>TUVALU</b>												
FUNAFUTI	NPA						I					
	T						I					
	E	300					I					
<b>UNITED STATES</b>												
HONOLULU (Oahu I.)	PA-I 08L		X	X	X	X						
	PA-I 04R		X	X	X	X						
	T				X	X						
	E	300/45			X	X						
KAHULUI	PA-I 02		X		X	X						
	T				X	X						
	E	300/45			X	X						
<b>VANUATU</b>												
PORT VILA (Bauerfield)	NPA				X	X						
	T				X	X						
	E	300/45			X	X						



