

# Foreign Facilities Approved for RNP AR Operations

(These procedures have been reviewed and approved by AFS-400)

## Operation Specification C384

Updated: November 7, 2018

For questions or comments regarding this list of approved RNP AR operations, contact: [AFS-410, Flight Operations Group](#)

**Note:** U.S. Operators are reminded Foreign Aviation Authorities may require their own [prior to FAA] approval as listed in their specific Aeronautical Information Publications (AIP).

Country	City	Airport	ICAO ID	Procedure	Effective Date	Notes
Brazil	Rio De Janeiro	Galeao - Antonio Carlos Jobim INTL	SBGL	RNAV (RNP) X RWY 15	11/12/2015	High temp limit not charted
Canada	Kelowna, BC	Kelowna Airport	CYLW	RNAV (RNP) X RWY 16	10/4/2018	0
Canada	Kelowna, BC	Kelowna Airport	CYLW	RNAV (RNP) Z RWY 34	11/6/2018	Procedure Not Authorized Below -5 C; NOTAM is in effect and amdt to revise the cold temperature limit is pending publication in Feb 2019.
China	Hong Kong	Hong Kong INTL	VHHH	RNAV (RNP) Z RWY 25L	1/4/2018	High temp limit of 34° C not charted

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China	Hong Kong	Hong Kong INTL	VHHH	RNAV (RNP) Y RWY 25L	1/4/2018	High temp limit of 34° C not charted
China	Hong Kong	Hong Kong INTL	VHHH	RNAV (RNP) Z RWY 25R	1/4/2018	High temp limit of 34°C
China	Hong Kong	Hong Kong INTL	VHHH	RNAV (RNP) X RWY 25R	1/4/2018	High temp limit 34°C
China	Hong Kong	Hong Kong INTL	VHHH	RNAV (RNP) Z RWY 07L	1/4/2018	High temp limit 54°C
China	Hong Kong	Hong Kong INTL	VHHH	RNAV (RNP) Z RWY 07R	1/4/2018	High temp limit 54°C
China	Hong Kong	Hong Kong INTL	VHHH	RNAV (RNP) Y RWY 07L	1/4/2018	High temp limit 54°C
China	Hong Kong	Hong Kong INTL	VHHH	RNAV (RNP) Y RWY 07R	1/4/2018	0

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Columbia	Bogota	Bogota INTL	SKBO	RNAV (RNP) X RWY 31L	3/1/2018	0
Columbia	Bogota	Bogota INTL	SKBO	RNAV (RNP) Y RWY 31L	3/1/2018	0
Columbia	Bogota	Bogota INTL	SKBO	RNAV (RNP) Z RWY 31L	3/1/2018	0
Columbia	Bogota	Bogota INTL	SKBO	RNAV (RNP) X RWY 31R	9/14/2017	0
Columbia	Bogota	Bogota INTL	SKBO	RNAV (RNP) Y RWY 31R	9/14/2017	0
Columbia	Bogota	Bogota INTL	SKBO	RNAV (RNP) Z RWY 31R	9/14/2017	0
Costa Rica	San Jose	Juan Santamaria INTL	MROC	RNAV (RNP) E3 RWY 25	5/24/2018	1. RNP 0.15 line of minima Not Authorized 2. With glide path angle of 3.50°, descent rate may exceed the standard 1000 ft/minute especially at higher temperatures/ tailwinds

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Costa Rica	San Jose	Juan Santamaria INTL	MROC	RNAV (RNP) W2 RWY 25	5/24/2018	RNP 0.15 line of minima Not Authorized
Ecuador	Quito	Mariscal Sucre INTL	SEQM	RNAV (RNP) Y RWY 18	7/21/2016	1. The glide path angle for this approach is 2.80 degrees 2. The PAPI does not match Final glide path angle
Ecuador	Quito	Mariscal Sucre INTL	SEQM	RNAV (RNP) Z RWY 18	7/21/2016	0
Ecuador	Quito	Mariscal Sucre INTL	SEQM	RNAV (RNP) Z RWY 36	7/21/2016	0
Ecuador	Quito	Mariscal Sucre INTL	SEQM	RNAV (RNP) Y RWY 36	7/21/2016	0
Ecuador	Quito	Mariscal Sucre INTL	SEQM	RNAV (RNP) X RWY 36	7/21/2016	0
El Salvador	San Salvador	El Salvador INTL	MSLP	RNAV (RNP) W RWY 07	9/14/2018	Procedure is NOT AUTHORIZED at night

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El Salvador	San Salvador	El Salvador INTL	MSLP	RNAV (RNP) X RWY 07	9/14/2018	Procedure is NOT AUTHORIZED at night
El Salvador	San Salvador	El Salvador INTL	MSLP	RNAV (RNP) Y RWY 07	9/14/2018	Procedure is NOT AUTHORIZED at night
El Salvador	San Salvador	El Salvador INTL	MSLP	RNAV (RNP) Z RWY 07	9/14/2018	Procedure is NOT AUTHORIZED at night
El Salvador	San Salvador	El Salvador INTL	MSLP	RNAV (RNP) W RWY 25	9/14/2018	Procedure should contain a chart note: "RF Required"
El Salvador	San Salvador	El Salvador INTL	MSLP	RNAV (RNP) X RWY 25	9/14/2018	Procedure should contain a chart note: "RF Required"
El Salvador	San Salvador	El Salvador INTL	MSLP	RNAV (RNP) Y RWY 25	9/14/2018	Procedure should contain a chart note: "RF Required"
El Salvador	San Salvador	El Salvador INTL	MSLP	RNAV (RNP) Z RWY 25	9/14/2018	Procedure should contain a chart note: "RF Required"

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Guatemala	Guatemala City	La Aurora INTL	MGGT	RNAV (RNP) Z RWY 02	7/21/2016	RNP 0.1 minima Not Authorized
Guatemala	Guatemala City	La Aurora INTL	MGGT	RNAV (RNP) Y RWY 02	7/21/2016	RNP 0.1 minima Not Authorized
Guatemala	Guatemala City	La Aurora INTL	MGGT	RNAV (RNP) Z RWY 20	7/21/2016	RNP 0.1 minima Not Authorized
Guatemala	Guatemala City	La Aurora INTL	MGGT	RNAV (RNP) Y RWY 20	7/21/2016	RNP 0.1 minima Not Authorized
Haiti	Cap Haitien	Cap Haitien INTL	MTCH	RNAV (RNP) Y RWY 05	4/10/2015	1. No high limit temperature was charted (standard high temperature for a 3.00 degree approach at sea level would be 54°C) 2. "RF Required" note is not charted. 3. Procedure is NOT AUTHORIZED at night
Honduras	Tegucigalpa	Toncontin INTL	MHTG	RNAV (RNP) RWY 20	3/31/2016	Expect descent rates greater than 1000 fpm
Honduras	Tegucigalpa	Toncontin INTL	MHTG	NORTH RNAV (RNP) RWY 02	5/30/2013	Expect descent rates greater than 1000 fpm

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Honduras	Tegucigalpa	Toncontin INTL	MHTG	SOUTH RNAV (RNP) RWY 02	5/30/2013	Expect descent rates greater than 1000 fpm
Israel	Tel-Aviv	Ben-Gurion INTL	LLBG	RNAV (RNP) Y RWY 30	4/26/2018	For aircraft with uncompensated Baro-VNAV systems, the approach is not authorized below 9°C or above 54°C
Japan	Tokyo	Tokyo INTL	RJTT	RNAV (RNP) RWY 23	9/14/2017	Missed APCH Climb gradient 5.0%
Malaysia	Penang	Penang INTL	WMKP	RNAV (RNP) Z RWY 04	5/24/2018	0
Malaysia	Penang	Penang INTL	WMKP	RNAV (RNP) Z RWY 22	5/24/2018	0
Nepal	Kathmandu	Tribhuvan INTL	VNKT	RNAV (RNP) RWY 02	11/29/2016	VGSI not coincident with RNAV glide path 2. MAP requires a speed of 220 KIAS until KT812
New Zealand	Auckland	Auckland INTL	NZAA	RNAV (RNP) X RWY 05R	11/9/2017	0

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New Zealand	Auckland	Auckland INTL	NZAA	RNAV (RNP) Y RWY 05R	5/24/2018	0
New Zealand	Auckland	Auckland INTL	NZAA	RNAV (RNP) U RWY 23L	11/9/2017	0
New Zealand	Auckland	Auckland INTL	NZAA	RNAV (RNP) X RWY 23L	11/9/2017	0
New Zealand	Auckland	Auckland INTL	NZAA	RNAV (RNP) Y RWY 23L	11/9/2017	Aircraft Category C only
Portugal	Ponta Delgada, Azores	Joao Paulo II	LPPD	RNAV (RNP) X RWY 12	4/26/2018	0
Portugal	Ponta Delgada, Azores	Joao Paulo II	LPPD	RNAV (RNP) Y RWY 12	4/26/2018	0
Portugal	Ponta Delgada, Azores	Joao Paulo II	LPPD	RNAV (RNP) RWY 30	4/26/2018	0



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Sweden	Goteborg	Landvetter INTL	ESGG	RNAV (RNP) RWY 3	11/9/2017	High temp limit of 48° C not charted
Sweden	Goteborg	Landvetter INTL	ESGG	RNAV (RNP) Z RWY 21	11/9/2017	High temp limit of 48° C not charted
Sweden	Stockholm	Arlanda INTL	ESSA	RNAV (RNP) RWY 26	11/9/2017	High temp limit of 48° C not charted
Sweden	Stockholm	Arlanda INTL	ESSA	RNAV (RNP) X RWY 01R	6/21/2018	0
Sweden	Stockholm	Arlanda INTL	ESSA	RNAV (RNP) Y RWY 01R	6/21/2018	0
Sweden	Stockholm	Arlanda INTL	ESSA	RNAV (RNP) Z RWY 01R	8/16/2018	Not available until 16 Aug 2018.