AD 2 AERODROMES

RJOT AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJOT - TAKAMATSU

RJOT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*341251N 1340056E* 073°/1250m FM RWY 08 THR
2	Direction and distance from (city)	8nm SSW TAKAMATSU city
3	Elevation/ Reference temperature	607ft / 31°C(2002-2006)
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/ Annual change	7°W(2009) /1.3'W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Takamatsu Airport Co.,LTD.(TAK) Oka 1312-7 Konan-cho Takamatsu-shi, Kagawa Tel:087-814-3657 Fax:087-814-3658
7	Types of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	Takamatsu Airport Office (Civil Aviation Bureau) Yusa 3473-3 Konan-cho Takamatsu-shi, Kagawa Tel:087-879-6770 Fax:087-879-6896

RJOT AD 2.3 OPERATIONAL HOURS

1	AD Administration	2200 - 1300
2	Customs and immigration	Customs: 2345-1030 Immigration: INTL SKED FLT hours only
3	Health and sanitation	Quarantine(human): 2330-1115 Quarantine(animal): 2330-1000 Quarantine(plant): INTL SKED FLT hours only
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (KANSAI)
7	ATS	2200 - 1300
8	Fuelling	2200 - 1300
9	Handling	2200 - 1300
10	Security	2100 - 1100
11	De-icing	Nil
12	Remarks	Nil

RJOT AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	All the modern institutions that deal with the weight thing to a Boeing 767 type passenger plane
2	Fuel/ oil types	Fuel types : JET A-1, AVGAS100, Oil types : Nil
3	Fuelling facilities/ capacity	Tank and fuel truck / 720 kl
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

RJOT AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil
2	Restaurants	At Airport
3	Transportation	Buses and Taxi
4	Medical facilities	Nil
5	Bank and Post Office	At Airport
6	Tourist Office	At Airport
7	Remarks	Nil

RJOT AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 9
2	Rescue equipment	Chemical fire fighting truck x 3 Water-supply truck Lighting power supply truck Emergency medical equipment truck
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

RJOT AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	AVBL(Ask AD administration)
2	Clearance priorities	Nil
3	Remarks	Nil

RJOT AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface:cement-concrete Strength:PCN 62/R/B/X/T
2	Taxiway width, surface and strength	T-1 and T-5 Width : 32m, Surface : Asphalt, Strength : PCN 67/F/B/X/T T-2 and T-3 Width : 34m, Surface : Asphalt, Strength : PCN 55/F/B/X/T T-4 Width : 34m, Surface : Asphalt, Strength : PCN 47/F/A/X/T P1, P2, P4, P5, P6 Width : 30m, Surface : Asphalt, Strength : PCN 67/F/A/X/T P3 Width : 30m, Surface : Concrete, Strength : PCN 62/R/B/X/T E-TWY Width : 9m, Surface : Asphalt, Strength : PCN 11/F/A/Z/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR 1: *341306.85N 1340113.44E* 2: *341306.17N 1340111.03E* 3: *341305.50N 1340108.42E* 5: *341304.94N 1340105.97E* 6: *341304.26N 1340103.56E* 7: *341303.71N 1340101.13E*
6	Remarks	Nil

RJOT AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands	Aircraft stand identification signs: Spot 2, 3, 5, 6 Aircraft stand taxi lane: T1, T2, T3, T4, T5, E-TWY Visual docking / parking guidance system: Nil
2	RWY and TWY markings and LGT	RWY: RWY 08/26 (Marking) RWY designation, RWY CL, RWY THR, RWY side stripe, TDZ, Aiming point, RWY middle point (LGT) RCLL, REDL, RTHL, RENL, WBAR(RWY26), RTZL(RWY26) ALL TWY: (Marking) TWY CL, RWY HLDG PSN, TWY side stripe (LGT) TWY edge LGT, TWY CL LGT, Taxiing guidance sign, RWY guard LGT(T1-T5)
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area (LGT) APN flood LGT

RJOT AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas

RWY/Area affected	Obstacle type	Coordinates	Elevation	Markings / LGT	Remarks
Nil					

In circling area and at AD

Obstacle type	Coordinates	Elevation	Markings / LGT	Remarks
Nil				

RJOT AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	KANSAI
2	Hours of service MET Office outside hours	H24 (KANSAI)
3	Office responsible for TAF preparation Periods of validity	KANSAI 30 Hours
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at KANSAI
6	Flight documentation Language(s) used	C En
7	Charts and other information available for briefing or consultation	S_6, U_{85}, U_7, U_5, U_3, U_{25}, U_2/T_r, P_s, P_5, P_3, P_{25}, P_{SWE}, P_{SWF}, P_{SWG}, P_{SWI}, P_{SWM}, P_{SW}(domestic), E, C, W_E, W_F, W_G, W_I, W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	TWR, APP, ATIS
10	Additional information(limitation of service, etc.)	Nil

RJOT AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCN) and surface of RWY	THR coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
08	072.90°	2500×60	PCN 59/F/A/X/T Asphalt-Concrete	*341238.66N* *1340010.11E*	THR ELEV: 583ft
26	252.90°	2500×60	PCN 59/F/A/X/T Asphalt-Concrete	*341302.52N* *1340143.45E*	THR ELEV: 586.2ft TDZ ELEV: 605ft

Slope of RWY	Strip Dimensions(M)	RESA(Overrun) Dimensions(M)	Remarks
7	10	11	14
See AD2.24 AD Chart	2620×300	41x300	
	2620×300	198x(MNM:140 MAX:300)*	RWY Grooving 2500×40
		*For detail, ask airport administrator	

RJOT AD 2.13 DECLARED DISTANCES

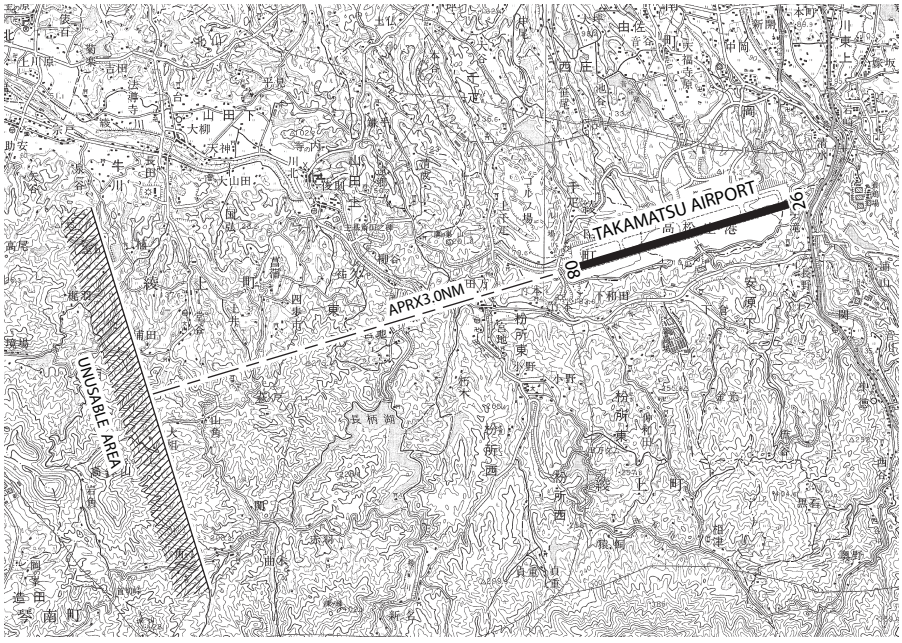
RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
08	2500	2500	2500	2500	Nil
26	2500	2500	2500	2500	Nil

RJOT AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL Color WBAR	PAPI (VASIS) Angle DIST FM THR MEHT	RTZL LEN	RCLL LEN Spacing Color INTST	REDL LEN Spacing Color INTST	RENL Color WBAR	STWL LEN Color
1	2	3	4	5	6	7	8	9
08	SALS(*1) 420m LIH	Green -	PAPI(*2) 3.0°/Left 403m 74ft	-	2400m 30m Coded color (White/Red) LIH	2400m 60m Coded color (White/Yellow) LIH	Red	Nil(*3)
26	PALS (CAT I) 900m LIH	Green Green	PAPI 3.0°/Left 363m 65.6ft	900m	2400m 30m Coded color (White/Red) LIH	2400m 60m Coded color (White/Yellow) LIH	Red	Nil(*3)
Remarks								
10								
SALS with APCH LGT beacon(600m and 900m FM RWY THR)(*1) Usable area of PAPI for RWY 08 is within APRX 3.0NM FM RWY 08 THR(See below figure)(*2) Overrun area edge LGT(LEN:60m Color:Red)(*3) CGL for RWY 08								

滑走路08側の進入角指示灯（PAPI）の使用範囲は，障害物（山及び樹木）のため滑走路08末端から約3.0NM以内とする。

Usable area of PAPI for Runway 08 is within approx 3.0NM from Runway 08 threshold.



RJOT AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: *341304N/1340051E,* White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI:Nil Anemometor : 145m FM RWY08/26 THR, LGTD
3	TWY edge and center line lighting	TWY edge and center line lights installed, see AD2.9
4	Secondary power supply/ switch-over time	Within 1 sec : REDL, RENL, RTHL, WBAR, RCLL, Overrun area edge LGT Within 15 sec: Other LGT
5	Remarks	WDI LGT

RJOT AD 2.16 HELICOPTER LANDING AREA

Nil

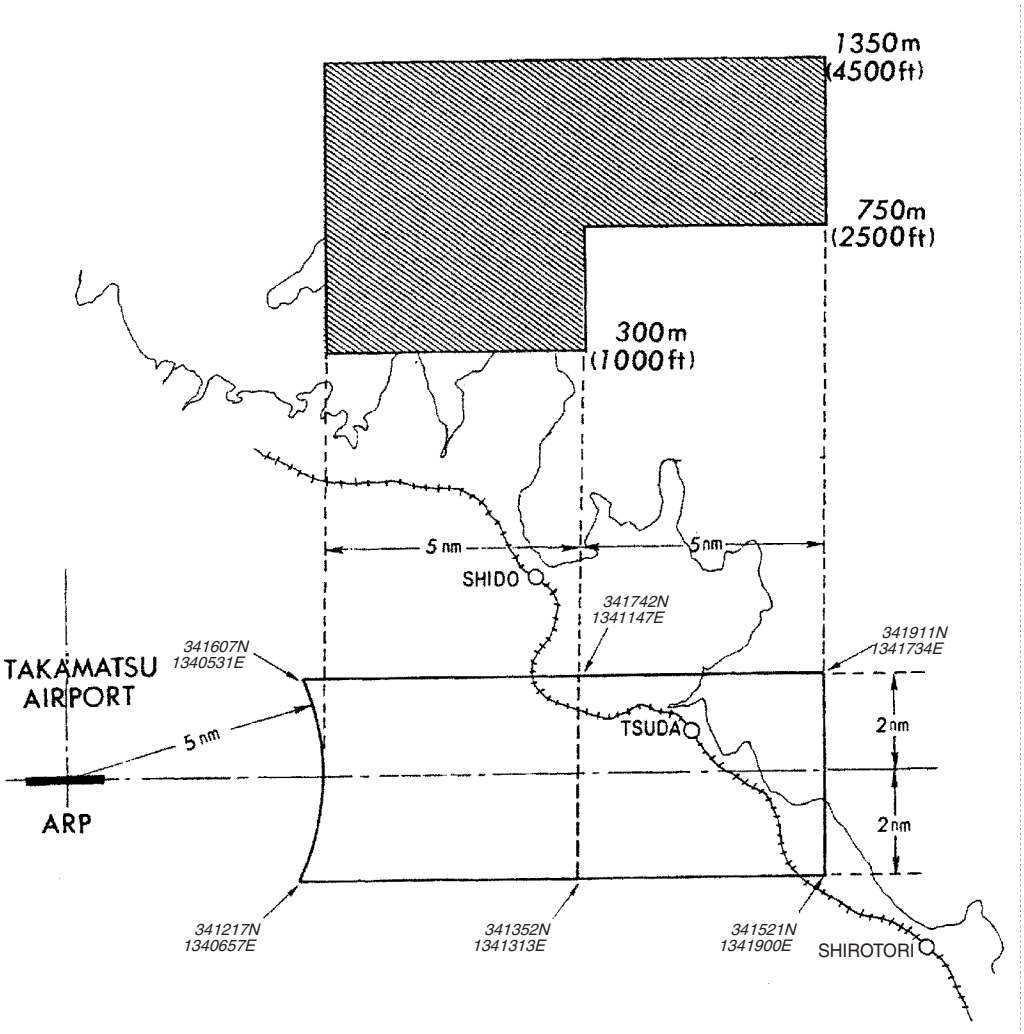
RJOT AD 2.17 ATS AIRSPACE

Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
TAKAMATSU CTR	Area within a radius of 5nm of TAKAMATSU ARP(*34°13'N 134°01'E*)	3000 or below	D	TAKAMATSU TWR En	
TAKAMATSU PCA	See attached chart		C	KANSAI APP KANSAI RADAR TAKAMATSU TWR En	
KANSAI ACA	See RJBB attached chart		E	KANSAI APP KANSAI DEP KANSAI RADAR En	
KANSAI TCA	See RJBB attached chart		E	KANSAI TCA En	

高松特別管制区
Takamatsu Positive Control Area

NAME	LATERAL LIMITS	UPPER LIMIT (AMSL) / LOWER LIMIT (AMSL) M(ft)	UNIT PROVIDING SERVICE	REMARKS
1	2	3	4	5
高松 Takamatsu	下記に示される区域 The area shown below		Primary Kansai APP or Radar 121.2 MHz Secondary Takamatsu TWR 118.3 MHz	当該空域を飛行しようとする航空機は、関西アプローチ又は高松タワーに連絡し、コールサイン、現在位置、高度及び意図を通報し指示を受けること。 Pilot of aircraft operating in this area shall contact Kansai Approach or Takamatsu Tower for ATC instructions giving informations on aircraft identification, positions, altitude and pilot's intentions.

TAKAMATSU POSITIVE CONTROL AREA



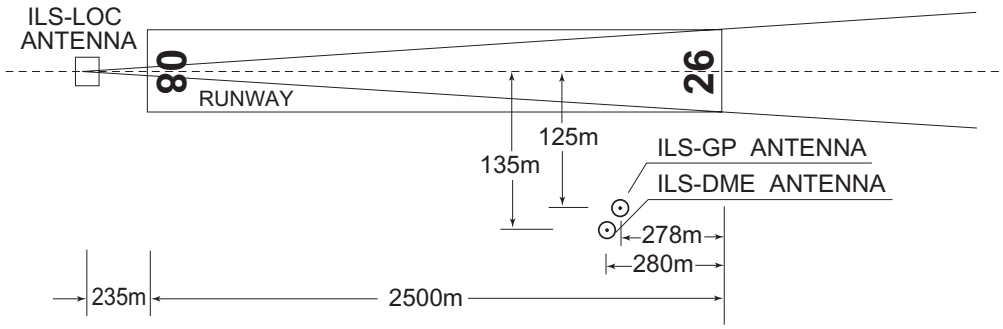
RJOT AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP/ASR	Kansai Approach/ Kansai Radar	121.2MHz(1) 120.4MHz 261.2MHz 121.5MHz(E) 243.0MHz(E)	2200 - 1300	(1)Primary (2)Position report APP Service provided by KANSAI APP
DEP	Kansai Departure	120.4MHz 121.2MHz 261.2MHz 121.5MHz(E) 243.0MHz(E)	2200 - 1300	
TCA	Kansai TCA	119.025MHz 315.800MHz	2300 - 1030	
TWR	Takamatsu Tower	118.3MHz(1) 126.2MHz 135.9MHz(2) 261.2MHz 121.5MHz(E) 243.0MHz(E)	2200 - 1300	
ATIS	Takamatsu Airport	127.45MHz	2200 - 1300	

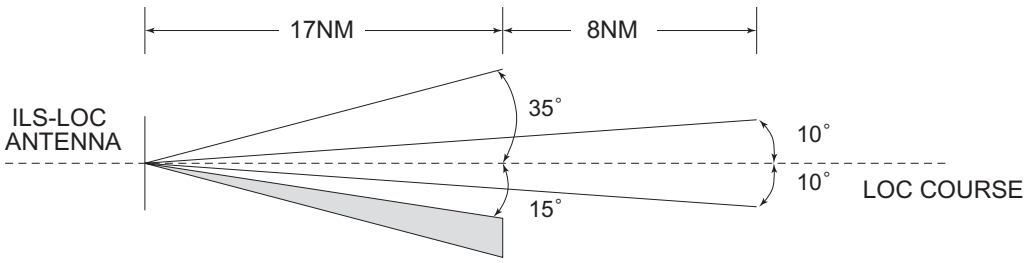
RJOT AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR (7°W / 2016)	KTE	108.4MHz	H24	*341244.99N 1340121.33E*		VOR unusable: 090°-110° beyond 30nm BLW 5000ft. 110°-140° beyond 25nm BLW 6000ft. 140°-240° beyond 20nm BLW 9000ft.
DME	KTE	982MHz (CH-21X)	H24	*341244.33N 1340120.27E*	696ft	DME unusable: 090°-110° beyond 30nm BLW 5000ft. 110°-140° beyond 20nm BLW 6000ft. 140°-240° beyond 20nm BLW 9000ft.
ILS-LOC 26	IKT	109.7MHz	2200 - 1300	*341236.41N 1340001.32E*		LOC:235m(771ft) away FM RWY 08 THR, BRG(MAG)261°. LOC Unusable beyond 15° S side of LOC course.
ILS-GP 26	-	333.2MHz	2200 - 1300	*341255.98N 1340134.48E*		GP:278m(912ft) inside FM RWY 26 THR, 125m(410ft) S of RCL. HGT of ILS REF datum 16.3m(53ft).
ILS-DME 26	IKT	995MHz	2200 - 1300	*341255.66N 1340134.58E*	604ft	DME:280m(919ft) inside FM RWY 26 THR. 135m(444ft) S of RCL.
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.

TAKAMATSU AIRPORT



REMARKS : 1. LOC beam BRG(MAG) 261°
2. HGT of ILS REF datum 16.3m(53ft)
3. GP Angle 3.0°
4. ELEV of ILS-DME 183.9m(604ft)



LOC Unusable beyond 15° South side of LOC course.

RJOT AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

PPR
Prior permission is required for all transient aircraft due to parking congestion except scheduled and/or emergency flight.
Tel : RJOT TAK OPR 087-879-6771

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Wing tip clearance at the TWY intersection (REF AD1.1.6.8)
Wing tip clearance at the TWY intersection between the aircraft holding at the stop marking on the TWY and the other aircraft taxiing behind it are as follows.

When B772 holding at the stop marking on TWY T3

wing span (WS) of acft taxiing on TWY P4-P5	WS =<35.6m	35.6m <WS =<52.6m	WS >52.6m
wing tip clearance	*A	*B	*C

Legend
*A : wing tip clearance >= 15m
*B : 6.5m =< wing tip clearance < 15m
*C : wing tip clearance < 6.5m

7. School and training flights - technical test flights - use of runways

Nil

8. Helicopter traffic - limitation

TKOF and LDG for EAST-HELIPAD and WEST-HELIPAD
Fly along the parallel taxiway.Do not fly over the buildings in airport terminal.

9. Removal of disabled aircraft from runways

Nil

RJOT AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJOT AD 2.22 FLIGHT PROCEDURES

1.TAKE OFF MINIMA

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
			RVR	VIS	RVR	VIS	RVR	VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	08	A,B,C,D	-	400m	-	400m	-	500m
	26		400m	400m	400m	400m	-	500m
OTHER	08	A,B,C,D	AVBL LDG MINIMA					
	26							

2.Lost communication procedures for arrival aircraft under radar navigational guidance

If radio communications with KANSAI Approach/Radar are lost for 1 minute, squawk Mode A/3 Code 7600 and;

(I) 1. Contact TAKAMATSU Tower.
2. If unable, proceed in accordance with visual flight rules,
3. If unable,
(1) When the aircraft is at or above 5,000ft, proceed to KAGAWA VOR/DME maintaining the last assgined altitude or 5,000ft whichever is higher and execute Instrument approach.
(2) When the aircraft is below 5,000ft,
a.and established on a segment of the Instrument Approach Procedure, execute Instrument Approach.
b.and not yet established on a segment of the Instrument Approach Procedure, climb and maintain 5,000 feet and proceed to KAGAWA VOR/DME and execute instrument approach.

(II) Procedures other than above will be issued when situation required.

RJOT AD 2.23 ADDITIONAL INFORMATION

Nil

RJOT AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart
Aerodrome Obstacle Chart-ICAO type A (RWY26)
Aerodrome Obstacle Chart-ICAO type A (RWY08)
Aerodrome Obstacle Chart-ICAO type B
Standard Departure Chart-Instrument (KAGAWA NORTH, KAGAWA REVERSAL)
Standard Departure Chart-Instrument (SAYOH-RNAV)
Standard Departure Chart-Instrument (WASYU-RNAV)
Standard Departure Chart-Instrument (TAROH-RNAV)
Standard Departure Chart-Instrument (OLIVE-RNAV)
Standard Arrival Chart-Instrument (KAGAWA)
Standard Arrival Chart-Instrument (POPAI-RNAV)
Instrument Approach Chart (ILS Z or LOC Z RWY26)
Instrument Approach Chart (ILS Y or LOC Y RWY26)
Instrument Approach Chart (VOR RWY26)
Instrument Approach Chart (VOR A)
Other Chart (Visual REP)
Other Chart (LDG CHART)
Other Chart (MVA CHART)