

AD 2 AERODROMES

RJFY AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJFY - KANOYA

RJFY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	312205N/1305017E
2	Direction and distance from (city)	1.5NM SW
3	Elevation/ Reference temperature	202ft / -
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/ Annual change	Nil
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	JSDF-M
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

RJFY AD 2.3 OPERATIONAL HOURS

1	AD Administration	H24
2	Customs and immigration	Nil
3	Health and sanitation	Nil
4	AIS Briefing Office	H24
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	Nil
9	Handling	Nil
10	Security	Nil
11	De-icing	Nil
12	Remarks	Nil

RJFY AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	JP-5
3	Fuelling facilities/ capacity	To be issued later
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

RJFY AD 2.5 PASSENGER FACILITIES

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

RJFY AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Nil
2	Rescue equipment	Nil
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

RJFY AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Nil
2	Clearance priorities	Nil
3	Remarks	Nil

RJFY AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	To be issued later
2	Taxiway width, surface and strength	To be issued later
3	ACL and elevation	Not available
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

RJFY 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	Nil
2	RWY and TWY markings and LGT	RWY:08R/26L (LGT) RTHL TWY: (LGT)TWY edge LGT
3	Stop bars	Nil
4	Remarks	

RJFY AD 2.10 AERODROME OBSTACLES

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

RJFY AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	KANOYA
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Nil
6	Flight documentation Language(s) used	Ja, En
7	Charts and other information available for briefing or consultation	S, U
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	Nil
10	Additional information(limitation of service, etc.)	Nil

RJFY 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
08R	079.34 °	2250×45	SW43000kg (94800lbs) DW56000kg (123500lbs) DTW117000kg (258000lbs) Concrete	312153.61N 1304938.66E	THR ELEV : 222.4FT TDZ ELEV : 217.6FT
26L	259.35 °	2250×45		312207.12N 1305102.36E	THR ELEV : 186.6FT TDZ ELEV : 190.9FT
08L	079.44 °	1200×40	SW20000kg (44000lbs)	Nil	Nil
26R	259.45 °	1200×40	DW25000kg (35000lbs) Asphalt-Concrete	Nil	Nil
Slope of RWY		Strip Dimensions (M)	Remarks		
7		10	12		
Nil		2370×300 2370×300	RWY 08L/26R OPR SR-SS and VMC only, Other time usable TWY.		
Nil		1320×150 1320×150			

RJFY AD 2.13 DECLARED DISTANCES

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

RJFY 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
08R			PAPI 3.0° 311m 45ft					Nil
26L	AVBL		PAPI 3.0° 319m 54ft					Nil
08L								Nil
26R								Nil
Remarks								
10								
RWY THR ID LGT for RWY08R/26L THR (Color: White)								

RJFY AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN:312239N/1305010E, White/Green EV4.3sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI : LGTD
3	TWY edge and center line lighting	TWY edge LGT : AVBL
4	Secondary power supply/ switch-over time	Nil
5	Remarks	WDI LGT, OBST LGT

RJFY AD 2.16 HELICOPTER LANDING AREA

To be issued later

RJFY AD 2.17 ATS AIRSPACE

Designation and limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
Kanoya CTR	Area within a radius of 5NM of Kanoya ARP (31°22'N/130°50'E).	----- 5000	D	KANOYA TOWER En	
	Area within radius of 5NM of Kanoya ARP, in the south side of a north parallel line at a distance of 5NM from a line extending from JA NDB on 077°T and 257°T and in the east side of a east parallel line at a distance of 4NM from a line connecting HKC VOR and TGE VOR.	----- 6000			
Kanoya ACA		See below Chart			

鹿屋進入管制区

Kanoya Approach Control Area



RJFY AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Kanoya Tower	228.2MHz 133.4MHz 236.8MHz 126.2MHz 243.0MHz(E) 121.5MHz(E)	H24	
DEP/APP/ASR	Kanoya Departure /Kanoya Approach /Kanoya Radar	284.6MHz 122.15MHz 362.3MHz 321.2MHz(1) 261.2MHz(1) 133.0MHz(1) 126.2MHz 243.0MHz(E) 121.5MHz(E)	H24	(1)AVBL on request Maintenance period: 2300-0800 SAT in VMC
GND	Kanoya Ground	236.8MHz	H24	
GCA-ASR -PAR	Kanoya Radar /Kanoya GCA	335.6MHz 270.8MHz 134.1MHz 125.3MHz 258.6MHz 139.55MHz 317.2MHz 306.8MHz 243.0MHz(E) 121.5MHz(E)	H24	ASR RWY 26L/08R. PAR RWY 26L. Glide path 3.0° Maintenance period: 2300-0800 SAT in VMC. Blind zone lies BTN 175degrees -180degrees , 190degrees - 195degrees and 340degrees - 360degrees 10NM, ARC FM ASR site (312149N/1305004E)
ATIS	Kanoya Airport	246.8MHz	2100 - 1300 EXC FRI1301-SUN2059 AND HOL	

RJFY AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	JA	238KHz	H24	312121N/1305056E		NDB Unusable: 320°-060° beyond 25NM BLW 8000FT. 130°-220° beyond 20NM BLW 6000FT. 250°-290° beyond 30NM BLW 8000FT.
TACAN	JAT	1172 MHz (CH-85X)	H24	312146N/1304949E	252ft	TACAN Unusable: R360-010 beyond 11NM BLW 7000FT. R010-020 beyond 12NM BLW 8000FT. R080-090 beyond 35NM BLW 4000FT. R090-100 beyond 18NM BLW 5000FT. R100-110 beyond 16NM BLW 5000FT. R110-170 beyond 16NM BLW 6000FT. R170-200 beyond 14NM BLW 6000FT. R200-220 beyond 10NM BLW 5000FT. R220-230 beyond 12NM BLW 6000FT. R230-250 beyond 20NM BLW 6000FT. R250-280 beyond 25NM BLW 4000FT. R280-310 beyond 25NM BLW 5000FT. R310-320 beyond 14NM BLW 6000FT. R320-360 beyond 11NM BLW 7000FT.
ILS-LOC 26L	IJA	110.3MHz	H24	312152N/1304930E		LOC:223m (733FT) away FM RWY 08R THR, BRG (MAG) 265°
ILS-GP 26L	-	335MHz	H24	312203N/1305052E		GP:286m(937FT) inside FM RWY 26L THR, 90m(295FT) S of RCL. HGT of ILS Ref datum 15.6m(51FT). GP angle 3.0°.
MM 26L		75MHz	H24	312212.65N/1305135.33E		MM:888m(2913FT) away FM RWY 26L on the extended RCL.

ILS



REMARKS : 1.LOC beam BRG(MAG) 265°
 2.HGT of ILS REF datum 15.6m(51FT)
 3.GP Angle 3.0°

RJFY AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Nil

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

Nil

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

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

Nil

RJFY AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJFY AD 2.22 FLIGHT PROCEDURES

1. TAKE OFF MINIMA					
	RWY	REDL AVBL		REDL OUT	
		CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS
TKOF ALTN AP FILED	08R	-	300'-1600m	-	300'-1600m
	26L	-	700'-2400m	-	700'-2400m
OTHER	08R	AVBL LDG MINIMA			
	26L				

NOTE: SIDs are designed in accordance with provisional standards for FLIGHT PROCEDURE DESIGN.

2. WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE

ASR RWY 08R

MINIMA		THR elev. 222	AD elev. 202	
CAT			CIRCLING	
	MDA(H)	CMV	MDA(H)	VIS
A	980(778)	1500	980(778)	1600
B				
C		2000	1520(1318)	2400
D				3200

ASR RWY 26L

MINIMA		THR elev. 187	AD elev. 202	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	720(533)	1400	940(738)	1600
B		1500		
C		1600	1520(1318)	2400
D		1800		3200

PAR RWY 26L

MINIMA		THR elev. 187	AD elev. 202	
CAT			CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	VIS
A	450(263)	800	940(738)	1600
B				
C			1520(1318)	2400
D				3200

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

If radio communications with KANOYA Radar/Approach/GCA are lost for 1 minute in the pattern or 5 seconds (PAR)/15 seconds (ASR) on final approach, squawk Mode A/3 Code 7600 and;

(I) 1. Contact KANOYA Tower.

2. If unable, proceed in accordance with visual flight rules.

3. If unable,

(1) In the vector

a. Proceed to DAGRI at last assigned altitude or 3,000ft whichever is higher and execute instrument approach as follows:

TACAN Z RWY26L, ILS Y or LOC Y RWY26L.

b. Proceed to TILAN at last assigned altitude or 3,200ft whichever is higher and execute TACAN RWY08R approach.

c. Proceed to JA NDB at last assigned altitude or 5,000ft whichever is higher and execute NDB A approach.

(2) On final approach

Execute instrument final approach.

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

NOTE: On dog leg(235 DEG/2200) under GCA, execute final approach as follows:

TACAN Z RWY26L, ILS Z or LOC Z RWY26L, NDB A.

4. Automated Radar Terminal System (ARTS)

鹿屋進入管制所の指示のもとに、鹿屋進入管制区を飛行する航空機は、モード A/3 の二次レーダー個別コード及びモード C による応答を指示される。

モード A/3 又はモード C 応答用の ATC トランスポンダーを搭載していない航空機が、当該モードによる応答を指示された場合は、鹿屋進入管制所に対しその旨通報すること。

Aircraft flying within the approach control area under the control of KANOYA approach control will be instructed to reply with discrete code on Mode A/3 and Mode C. If an aircraft non equipped with ATC transponder A/3 or Mode C instructed to reply with such Mode, it shall report KANOYA approach control accordingly.

RJFY AD 2.23 ADDITIONAL INFORMATION

481FT height group of trees exist near APCH surface 1.13NM WNW FM RWY08R THR.

RJFY AD 2.24 CHARTS RELATED TO AN AERODROME

Standard Departure Chart - Instrument (EAST REVERSAL)
Standard Departure Chart - Instrument (WEST REVERSAL)
Standard Departure Chart - Instrument (EKORU)
Standard Departure Chart - Instrument (MAKRA)

Standard Departure Chart - Instrument (QUEEN)
Standard Arrival Chart - Instrument (KANOYA, AIRAH)
Instrument Approach Chart (ILS Z or LOC Z RWY 26L)
Instrument Approach Chart (ILS Y or LOC Y RWY 26L)
Instrument Approach Chart (ILS X or LOC X RWY 26L)
Instrument Approach Chart (ILS W or LOC W RWY 26L)
Instrument Approach Chart (TACAN Z RWY 26L)
Instrument Approach Chart (TACAN Y RWY 26L)
Instrument Approach Chart (TACAN RWY 08R)
Instrument Approach Chart (NDB A)

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STANDARD DEPARTURE CHART - INSTRUMENT

RJFY / KANOYA

SID

EAST REVERSAL TWO DEPARTURE

RWY08R : Climb via JAT R083 to 4000FT or above within 13NM

from RWY end(JAT 14DME), then turn right proceed to JAT TACAN.

RWY26L : Not established.

Note:

- 1 Following climb gradient should be maintained until passing 2000FT.

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

- 2 SHIBUSHI PETROLEUM COMBINAT at JAT R094 10DME.

- 3 Obstructions exist,

- a 229FT MSL height group of trees at 0.76NM E from ARP.
- b 1934FT MSL height mountain at 10.8NM ESE from ARP.

CHANGE : PROC renamed. NDB (JA) deleted. Radial FM JAT (SHIBUSHI PETROLEUM COMBINAT).



STANDARD DEPARTURE CHART - INSTRUMENT

RJFY / KANOYA

SID

WEST REVERSAL TWO DEPARTURE

RWY08R : Not established.

RWY26L : Climb via JAT R270 to 4000FT or above within 13NM from RWY end
(JAT 13DME), then turn left proceed to JAT TACAN.

Note:

- 1 Following climb gradient should be maintained until passing 600FT.

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

- 2 Obstructions exist,

- a 582FT MSL height hill at 1NM SW from ARP.
- b 630FT MSL height antenna tower at 1.1NM SW from ARP.
- c 493FT MSL height antenna tower at 1.8NM W from ARP.
- d 555FT MSL height hill at 2.2NM W from ARP.

CHANGE : SID (RWY26L). Note:2 Obstructions. NDB (JA) deleted.



STANDARD DEPARTURE CHART - INSTRUMENT

RJFY / KANOYA

SID

EKORU ONE DEPARTURE

RWY08R : Climb via JAT R084 to EKORU.

RWY26L : Climb RWY HDG until 3.5NM from RWY end (JAT 3.6DME) to 1000FT
or above, turn left proceed to JAT TACAN, via JAT R084 to EKORU.

Note:

- 1 Following climb gradient should be maintained,
 - a until passing 2000FT when take off RWY08R.
 - b until passing 1600FT when take off RWY26L.

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

- 2 SHIBUSHI PETROLEUM COMBINAT at JAT R094 10DME.

- 3 Obstructions exist,

- a when take off RWY08R,
 - (a)229FT MSL height group of trees at 0.76NM E from ARP.
 - (b)1934FT MSL height mountain at 10.8NM ESE from ARP.
- b when take off RWY26L,
 - (a)582FT MSL height hill at 1NM SW from ARP.
 - (b)630FT MSL height antenna tower at 1.1NM SW from ARP.
 - (c)493FT MSL height antenna tower at 1.8NM W from ARP.
 - (d)555FT MSL height hill at 2.2NM W from ARP.
 - (e)814FT MSL height mountain at 3.0NM SW from ARP.
 - (f)837FT MSL height mountain at 3.2NM SW from ARP.
 - (g)1378FT MSL height mountain at 3.5NM S from ARP.
 - (h)1582FT MSL height mountain at 3.9NM S from ARP.

CHANGE : New PROC



STANDARD DEPARTURE CHART - INSTRUMENT

RJFY / KANOYA

SID

MAKRA TWO DEPARTURE

RWY08R : Not established.

RWY26L : Climb RWY HDG until 1NM from RWY end (JAT 1.0DME), climb via JAT R263 (264 DEG from JA NDB) to MAKRA.

Note:

- 1 Following climb gradient should be maintained until passing 600FT.

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

- 2 Obstructions exist,

- a 493FT MSL height antenna tower at 1.8NM W from ARP.
b 555FT MSL height hill at 2.2NM W from ARP.

CHANGE : PROC renamed. Radial FM JAT. Note:2 Obstructions.



RJFY / KANOYA

SID

RWY08R : Climb via JAT R083 (083 DEG from JA NDB) to intercept and proceed via HKC R125 to QUEEN.

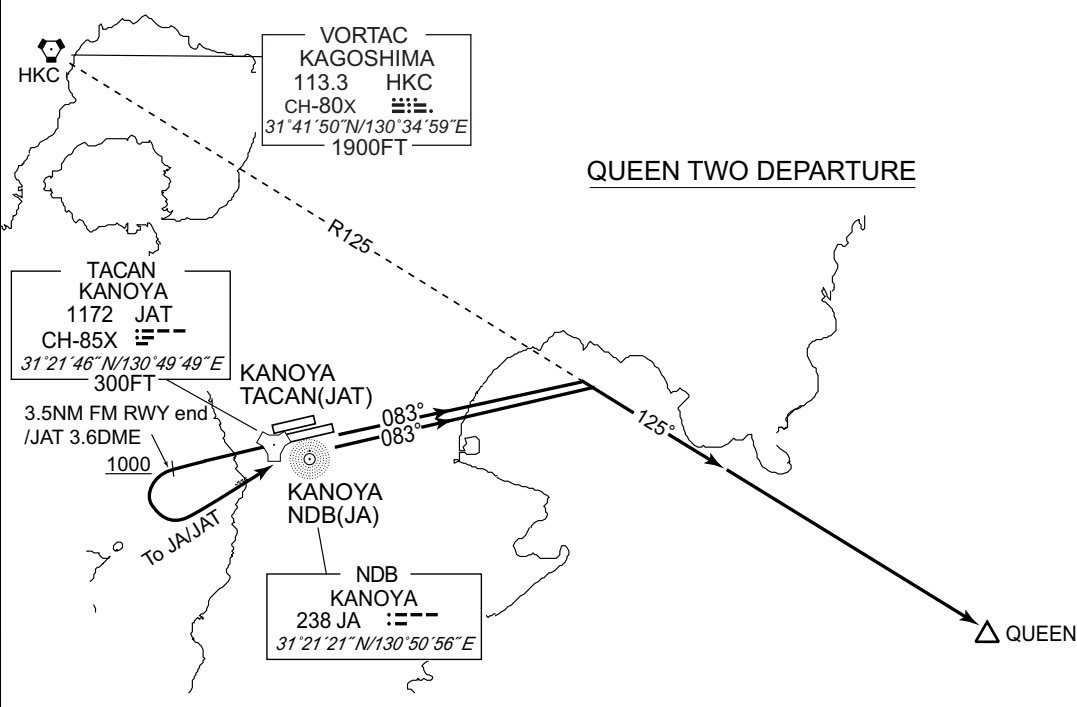
RWY26L : Climb RWY HDG until 3.5NM from RWY end (JAT 3.6DME) to 1000FT or above, turn left proceed to JAT TACAN/JA NDB, then, climb via JAT R083 (083 DEG from JA NDB) to intercept and proceed via HKC R125 to QUEEN.

- 1 Following climb gradient should be maintained,
 - a. until passing 2000FT when take off RWY08R.
 - b. until passing 3000FT when take off RWY26L.

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

3 Obstructions exist.

- a. when take off RWY08R,
 - (a)229FT MSL height group of trees at 0.76NM E from ARP.
 - (b)1934FT MSL height mountain at 10.8NM ESE from ARP.
- b. when take off RWY26L,
 - (a)582FT MSL height hill at 1NM SW from ARP.
 - (b)630FT MSL height antenna tower at 1.1NM SW from ARP.
 - (c)493FT MSL height antenna tower at 1.8NM W from ARP.
 - (d)555FT MSL height hill at 2.2NM W from ARP.
 - (e)814FT MSL height mountain at 3.0NM SW from ARP.
 - (f)837FT MSL height mountain at 3.2NM SW from ARP.
 - (g)1378FT MSL height mountain at 3.5NM S from ARP.
 - (h)1582FT MSL height mountain at 3.9NM S from ARP.
 - (i)2907FT MSL height mountain at 10NM SE from ARP.



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STANDARD ARRIVAL CHART - INSTRUMENT

RJFY / KANOYA

STAR

KANOYA ARRIVAL

From over JA NDB, proceed via 083 DEG from JA NDB, right procedure turn to JA NDB within 20NM, cross JA NDB at specified altitude.



AIRAH ARRIVAL

From over JAT TACAN, proceed via JAT R125 to AIRAH (JAT R125 16.0DME), maintain last assigned altitude until 2DME from JAT TACAN, cross AIRAH at or above 6000FT or specified altitude.



CHANGE : MHA, MAX HLDG airspeed added.

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INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

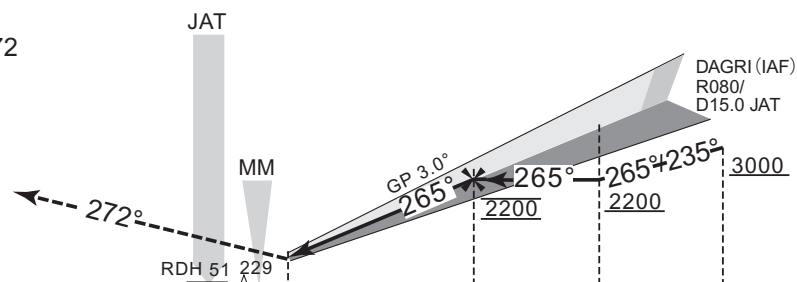
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ILS Y or LOC Y RWY 26L



MISSED APPROACH

At DA, climb to 3200FT via JAT R272
to TILAN and hold.
Contact KANOYA APP.



DME to JAT	1.8	7.2	10.0
NM to THR	0.7	6.1	8.9

MINIMA

THR elev. 187

AD elev. 202

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	450 (263)	800	680 (493)	1400	940 (738)	1600
B				1500		
C				1600	1520 (1318)	2400
D				1800		3200

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

RJFY / KANOYA

ILS W or LOC W RWY 26L

KANOYA APP 122.15 - 126.2 284.6 - 321.2	ILS / LOC 110.3 IJA 〰〰 ILS-GP 335.0	KANOYA TOWER 126.2 - 133.4 228.2 - 236.8	RADAR AVBL CALL KANOYA APP
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MISSED APPROACH

At DA, climb to 3000FT via 275° from JA NDB, then turn left climb to 5000FT proceed to JA NDB and hold.
Contact KANOYA APP.

Remain within 14NM.



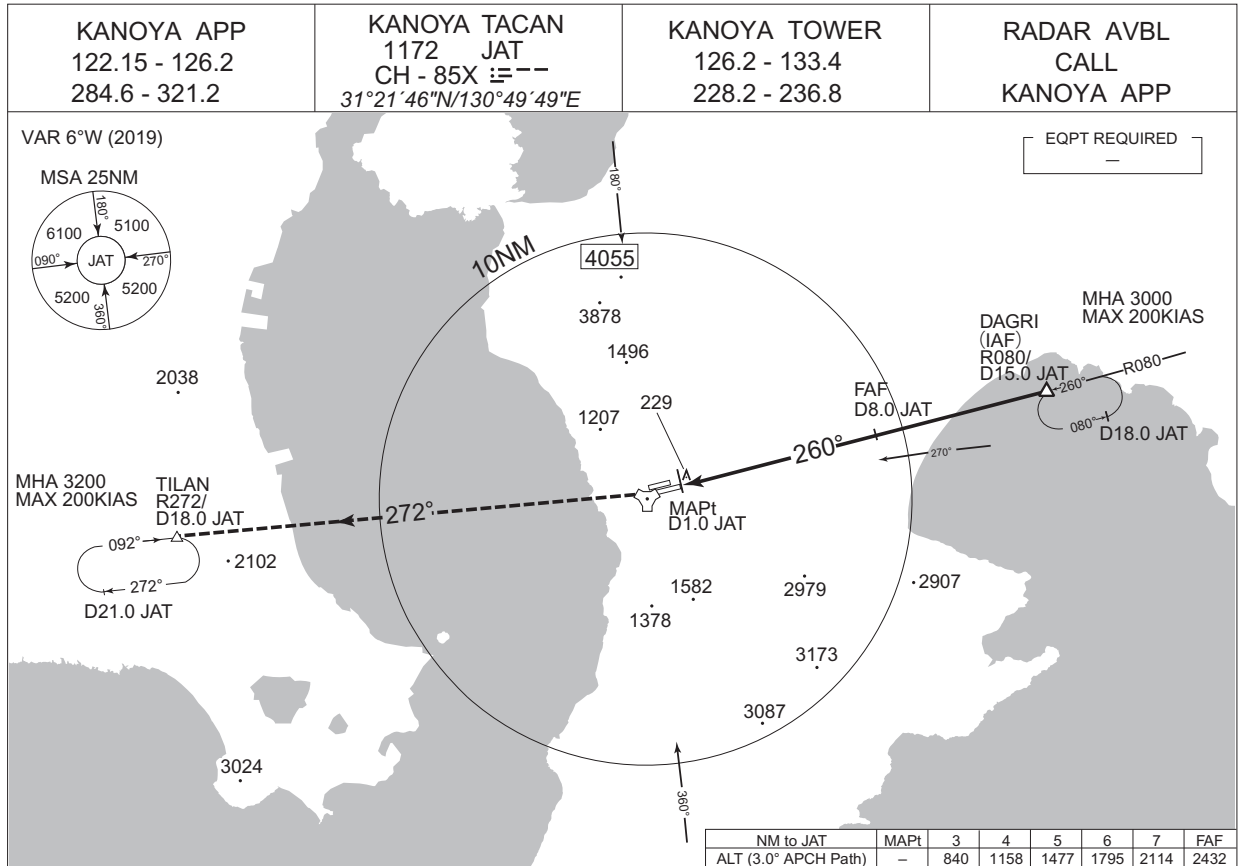
MINIMA		THR elev. 187		AD elev. 202		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	450 (263)	800	680 (493)	1400	940 (738)	1600
B				1500		
C				1600	1520 (1318)	2400
D				1800		3200

CHANGE : MINIMA. THR elev. AD elev. Additional EQPT requirement added. JA COORD.

INSTRUMENT APPROACH CHART

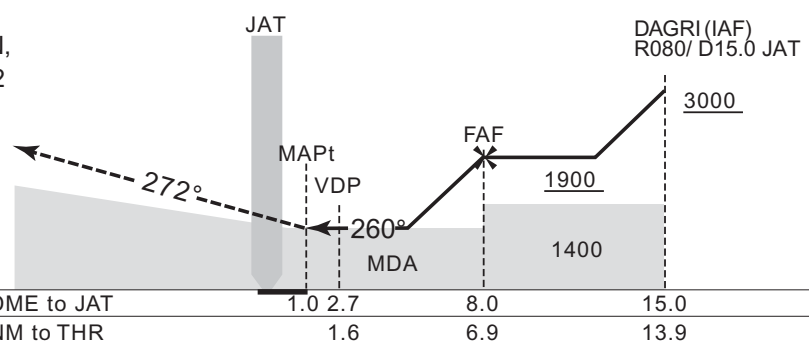
RJFY / KANOYA

TACAN Z RWY 26L



MISSED APPROACH

At 1.0DME prior to JAT TACAN,
climb to 3200FT via JAT R272
to TILAN and hold.
Contact KANOYA APP.



CHANGE : NM to THR.

MINIMA		THR elev. 187	AD elev. 202	
CAT			CIRCLING	
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	700 (513)	1400	940 (738)	1600
B		1500		
C		1600	1520 (1318)	2400
D		1800		

INSTRUMENT APPROACH CHART

RJFY / KANOYA

TACAN Y RWY 26L



MISSED APPROACH

At 1.0DME prior to JAT TACAN,
climb to 3200FT via JAT R272
to TILAN and hold.
Contact KANOYA APP.



CHANGE : NM to THR.

MINIMA		THR elev. 187	AD elev. 202	
CAT			CIRCLING	
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	700 (513)	1400	940 (738)	1600
B		1500		
C		1600	1520 (1318)	2400
D		1800		

CHANGE : MINIMA. THR elev. OCA. Missed APCH track. HLDG FIX (KIIRE→TILAN). ALT (3.0° APCH Path). JAT COORD.



INSTRUMENT APPROACH CHART

RJFY / KANOYA

NDB A



CHANGE : MINIMA. AD elev. JA COORD.