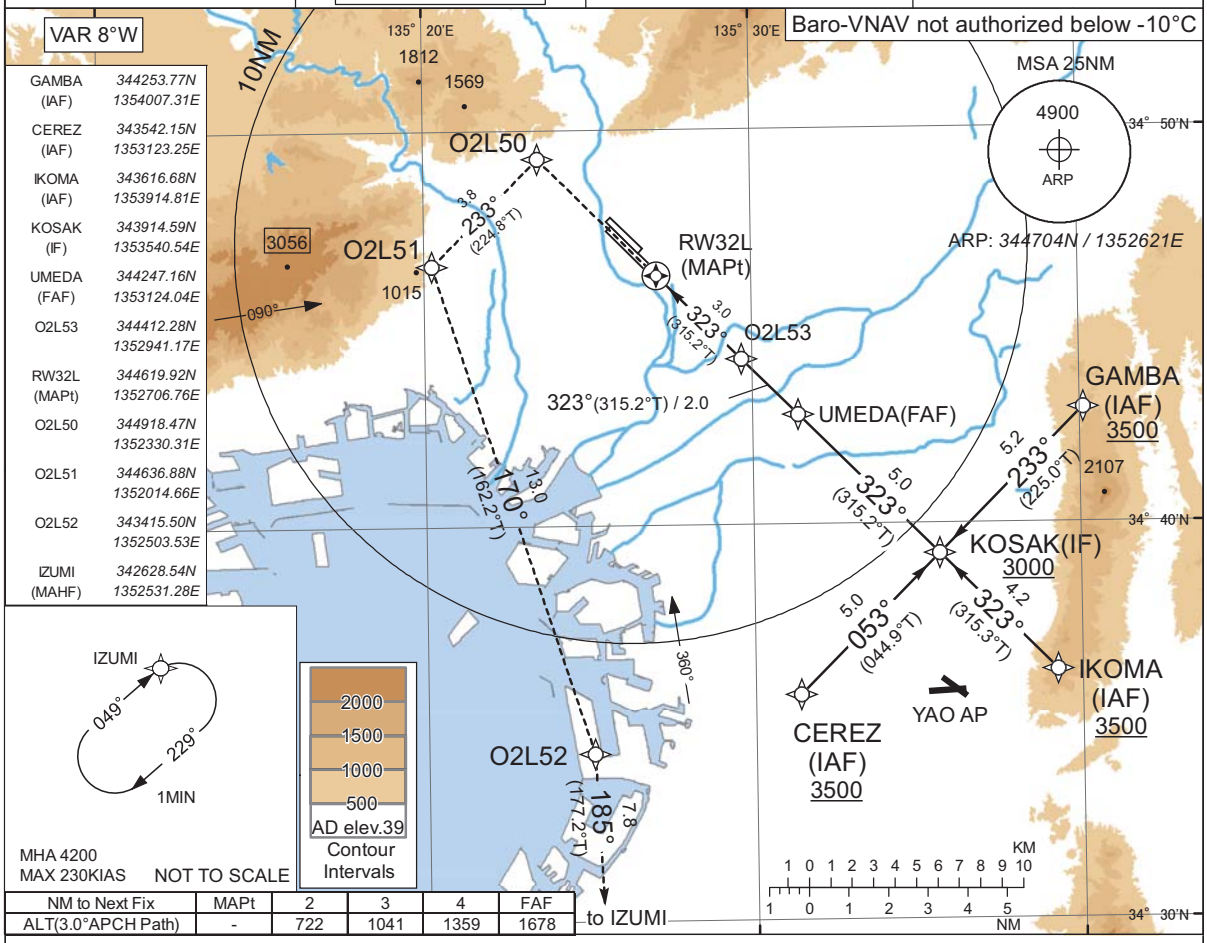
INSTRUMENT APPROACH CHART

CHANGE : O2L53 established. MSAS CH added. Minimum TEMP for Baro-VNAV. HLDG Pattern. PROC ALT at FAF. Missed APCH for Using VOR/DME abolished. OCA/H BTN KOSAK and UMEDA. LPV established. MINIMA. NM to THR at VDP.

RJOO / OSAKA INTL — RNP RWY32L

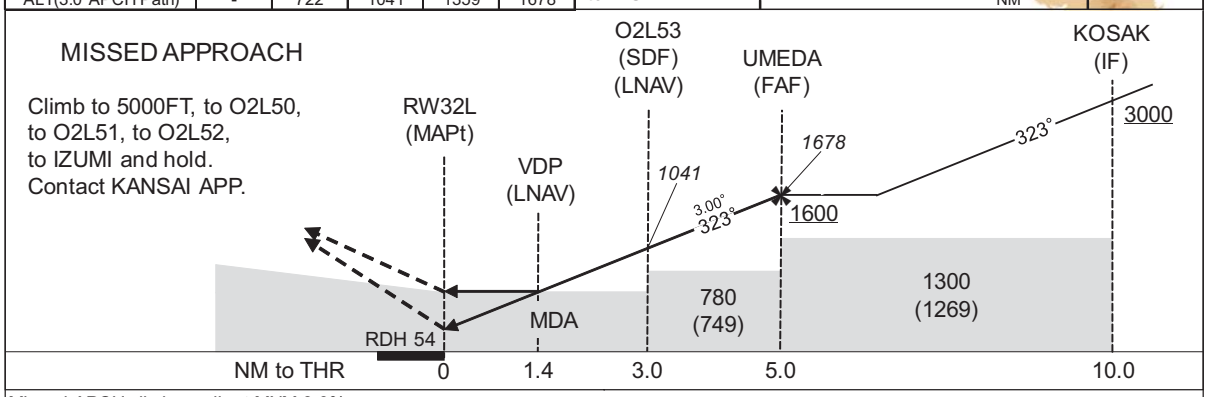
KANSAI APP	RNP APCH	OSAKA TOWER	RADAR AVBL
120.45 - 124.7 261.2	MSAS CH68881 M32A	118.1 - 236.8 126.2 - 121.7G	ATIS 128.6



NM to Next Fix	MAPt	2	3	4	FAF
ALT(3.0°APCH Path)	-	722	1041	1359	1678

MISSED APPROACH

Climb to 5000FT, to O2L50,
to O2L51, to O2L52,
to IZUMI and hold.
Contact KANSAI APP.



Missed APCH climb gradient MNM 6.0%

MINIMA THR elev. 31 AD elev. 39

CAT	LPV		LNAV/VNAV		LNAV		CIRCLING		
	DA(H)	RVR/CMV	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H) TOTAL AREA	MDA(H) WEST of RWY	VIS
A	289(258)	1000	510(479)	1400	510(479)	1400	590(551)	590(551)	1600
B	299(268)	1100		1500		1500			
C	309(278)	1200		1600		1600	660(621)	610(571)	2400
D	318(287)	1400		1800		1800	-	760(721)	3200

JET circling to WEST side of RWY only.
Missed APCH climb gradient of 6.0% up to 2400FT.

INSTRUMENT APPROACH CHART

RJOO / OSAKA INTL

RNP RWY32L

FAS DATA BLOCK

Operation type	0	LTP/FTP ellipsoidal height	+00469
SBAS service provider identifier	2	FPAP latitude	*344728.7535N*
Airport identifier	RJOO	FPAP longitude	*1352543.3300E*
Runway	323	Threshold crossing height	00016.5
Approach performance designator	0	TCH units selector	1
Route indicator		Glide path angle	03.00
Reference path data selector	0	Course width at threshold	105.00
Reference path ID	M32A	⊿ length offset	0000
LTP/FTP latitude	*344619.8985N*	HAL	40.0
LTP/FTP longitude	*1352706.7455E*	VAL	50.0
CRC remainder	D799CA35		

Required additional data

LTP/FTP orthometric height	9.6

CHANGE : FAS DATA BLOCK, Required additional data established.