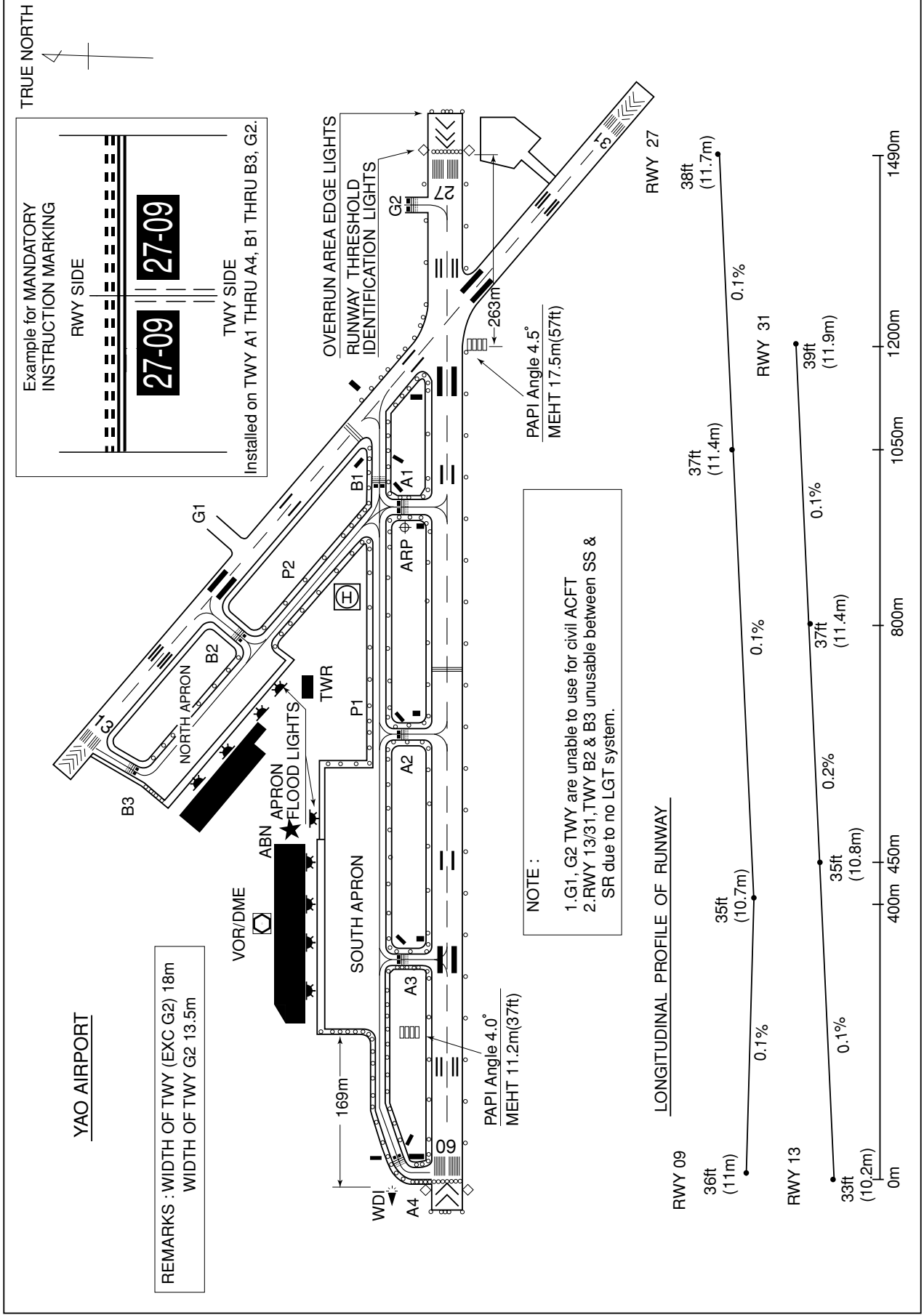


RJOY / YAO

AD CHART



INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART - INSTRUMENT

RJOY / YAO

SID

IZUMI TWO DEPARTURE

RWY 27/31 : Turn left,...

RWY 09/13 : Complete right turn within 3.0NM (YOE 3.5DME)...

...climb via YOE R229 to IZUMI.

Cross IZUMI at or above 5000FT.

Note : When take off RWY27/31/13(09), following climb gradient should be maintained until 800FT(1400FT).

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



STANDARD DEPARTURE CHART- INSTRUMENT

RJOY / YAO

SID and TRANSITION

ASUKA SEVEN DEPARTURE

RWY 27 : Turn right,...
 RWY 09/13 : Complete right turn within 3.0NM (YOE 3.5DME)...
 RWY 31 : Turn left,...
 ... climb via YOE R281 to YOE 7.1DME (ITE R176), turn right to
 intercept and proceed via KCE R086 to ASUKA.

Cross ASUKA at or above 9000FT. (for NAGOYA TRANSITION)

Note : When take off RWY 31(13/27) [09], following climb gradient should be
 maintained until 500FT (1100FT) [1400FT].

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

NAGOYA TRANSITION

From over ASUKA, proceed via KCC R243 to KCC VORTAC.

CHANGE : PROC renamed. Radial FM KCE.



INSTRUMENT APPROACH CHART

RJOY / YAO

VOR/DME C

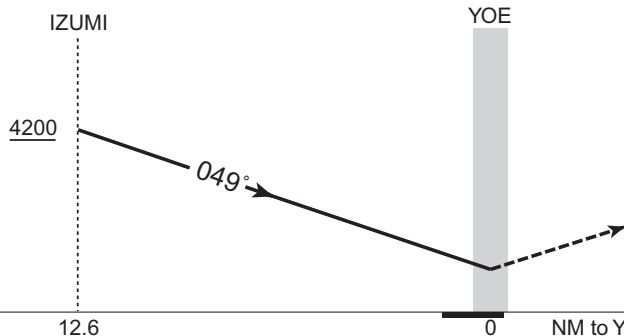


INSTRUMENT APPROACH CHART

RJOY / YAO

VOR E

| | | | |
|---------------------------------------|--|-----------------------------|------------|
| KANSAI APP 120.45 - 124.7 261.2 | YAO VOR/DME 114.6 YOE CH-93X 34°35'54"N / 135°35'37"E | YAO TOWER 124.35 - 126.2 | RADAR AVBL |
|---------------------------------------|--|-----------------------------|------------|



MISSED APPROACH
At YOE VOR, turn left, climb
via YOE R229 to IZUMI
and hold at 4200FT.
Contact KANSAI APP.

| MINIMA | | AD elev. 33 | |
|--------|-------------|-------------|--|
| CAT | CIRCLING | | |
| | MDA(H) | VIS | |
| A | 1080 (1047) | 1600 | |
| B | | | |
| C | — | — | |
| D | | | |

CHANGE : KANSAI VOR/DME updated(KNE→KIE).

RJOY / YAO

Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Map updated. BRG/DIST from ARP.

| Call sign | BRG / DIST from ARP | Remarks |
|---------------------|---------------------|-------------------------------------|
| 東大阪 Higashiosaka | 358°T / 4.9NM | 東大阪ジャンクション Junction |
| 阿倍野筋 Abenosuji | 300°T / 5.3NM | 阿倍野霊園 Cemetery Park |
| 浅香 Asaka | 263°T / 5.0NM | 大和川曲り角 Curve of the Yamato River |
| 中百舌鳥 Nakamozu | 243°T / 5.3NM | 南海中百舌鳥駅 Station |
| ピーエル PL | 187°T / 5.7NM | PL教団の塔 Monument |
| 王寺 Oji | 089°T / 5.1NM | JR王寺駅 Station |
| 国分 Kokubu | 136°T / 2.5NM | 近鉄国分駅 Station |
| 瓜破 Uriwari | 281°T / 2.0NM | 瓜破霊園 Cemetery Park |
| 久宝寺 Kyuhoji | 331°T / 2.4NM | 久宝寺緑地 Wooded Area |
| 山本 Yamamoto | 026°T / 2.1NM | 近鉄山本駅 Station |
| 恩智 Onji | 058°T / 1.5NM | 近鉄恩智駅 Station |

RJOY / YAO

LDG CHART



RJOY / YAO

Minimum Vectoring Altitude CHART

VAR 7°W (2011)



- | | |
|--------|----------------------|
| ① 4500 | (1) 342930N/1353527E |
| ② 5000 | (2) 342925N/1355432E |
| ③ 7000 | (3) 342918N/1360849E |
| | (4) 342924N/1361335E |

CENTER : 344752N/1352550E (RJO No.1 RADAR SITE)
CENTER : 344659N/1352600E (RJO No.2 RADAR SITE)