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STATE OF KUWAIT

DIRECTORATE GENERAL OF CIVIL AVIATION
AERONAUTICAL INFORMATION SERVICE (AIS)
KUWAIT INTERNATIONAL AIRPORT

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AIRAC AIP SUPPLEMENT

NR 01/21

Date:16/03/2021

WITH EFFECT FROM (WEF) 20 MAY 2021 0001UTC

KUWAIT INTERNATIONAL AIRPORT
REVISIONS TO THE STANDARD INSTRUMENT DEPARDURS (SID), STANDARD INSTRUMENT ARRIVALS (STAR) AND INSTRUMENT APPROACH PROCEDURES (IAPs) FOR RUNWAY 15L, RUNWAY 33R RUNWAY 15R AND RUNWAY 33L

1 INTRODUCTION

The purpose of this AIP Supplement is to notify the aviation industry of the revision of Instrument Approach Procedures for RUNWAY 15L, RUNWAY 33R RUNWAY 15R AND RUNWAY 33L of Kuwait international Airport.

2 INSTRUMENT FLIGHT PROCEDURES

2.1 The revised instrument flight procedures are shown as follows:

APPENDIX A-1	STANDARD INSTRUMENT DEPARDURE CHART(SID) - RWY 15L/15R ALVAX 4E,ASVIR 4E,BOXIK 4E,RALKA 4E,SESRU 4E,WAFRA 4E.
APPENDIX A-2	STANDARD INSTRUMENT DEPARDURE (SID) CHART - ICAO RNAV (GNSS) SID RWY 33L/33R ALVAX 4F, BOXIK 4F, RALKA 4F, SESRU 4F.
APPENDIX A-3	STANDARD INSTRUMENT DEPARDURE (SID) CHART - ICAO RNAV(GNSS) SID RWY 33L/33R ASVIR 4F, WAFRA 4F.
APPENDIX A-4	STANDARD INSTRUMENT ARRIVALS (STAR) CHART - ICAO RNAV(GNSS) STAR RWY 15L/15R ALVAX 3D,RALKA 3D,SESRU 3D,DEBTI 3D,DESLU 3D,SIDAD 3D.
APPENDIX A-5	STANDARD INSTRUMENT ARRIVALS (STAR) CHART - ICAO RNAV(GNSS) STAR RWY 15L/15R ASVIR 3D,DEBTI 3E,KUNRU 3D,WAFRA 3D.
APPENDIX A-6	STANDARD INSTRUMENT ARRIVALS (STAR) CHART - ICAO RNAV(GNSS) STAR RWY 33L/33R ALVAX 3C RALKA 3C,SESRU 3C .
APPENDIX A-7	STANDARD INSTRUMENT ARRIVALS (STAR) CHART - ICAO RNAV(GNSS) STAR RWY 33L/33R ASVIR 3C,DEBTI 3C KUNRU 3C,WAFRA 3C.
APPENDIX A-8	INSTRUMENT APPROACH CHART - ICAO ILS Z RWY 15L CAT I/II
APPENDIX A-9	INSTRUMENT APPROACH CHART–ICAO ILS Y RWY 15L CAT I/ II
APPENDIX A-10	INSTRUMENT APPROACH CHART–ICAO RNP RWY 15L
APPENDIX A-11	INSTRUMENT APPROACH CHART - ICAO ILS Z RWY 33R CAT I/II
APPENDIX A-12	INSTRUMENT APPROACH CHART–ICAO ILS Y RWY 33R CAT I/ II
APPENDIX A-13	INSTRUMENT APPROACH CHART–ICAO RNP RWY 33R
APPENDIX A-14	INSTRUMENT APPROACH CHART - ICAO ILS Z RWY 15R CAT I/II
APPENDIX A-15	INSTRUMENT APPROACH CHART–ICAO ILS Y RWY 15R CAT I/ II
APPENDIX A-16	INSTRUMENT APPROACH CHART–ICAO RNP RWY 15R
APPENDIX A- 17	INSTRUMENT APPROACH CHART–ICAO VOR/DME RWY 15R
APPENDIX A-18	INSTRUMENT APPROACH CHART - ICAO ILS Z RWY 33L CAT I/II
APPENDIX A-19	INSTRUMENT APPROACH CHART–ICAO ILS Y RWY 33L CAT I/ II
APPENDIX A-20	INSTRUMENT APPROACH CHART–ICAO RNP RWY 33L
APPENDIX A-21	INSTRUMENT APPROACH CHART–ICAO VOR/DME RWY 33L

2.2 The following charts pertaining to Kuwait International Airport are superseded or withdrawn:

AD 2-OKBK-41 AD 2-OKBK-42	STANDARD INSTRUMENT ARRIVALS (STAR) CHART - ICAO RNAV(GNSS) SID RWY 15L/15R ALVIX 3E, ASVIR 3E,BIXIK 3E,RALKA 3E,SESRA 3E,WAFRA 3E.
AD 2-OKBK-43 AD 2-OKBK-44	STANDARD INSTRUMENT ARRIVALS (STAR) CHART - ICAO RNAV(GNSS) SID RWY 33L/33R ALVIX 3F , BOXIK 3F , RALKA 3F , SESRA 3F , ASVIR 3F , WAFRA 3F
AD 2-OKBK-45 AD 2-OKBK-46	STANDARD INSTRUMENT ARRIVALS (STAR) CHART - ICAO RNAV(GNSS) SID RWY 33L/33R ASVIR 3F,WAFRA 3F.
AD 2-OKBK-47 AD 2-OKBK-48	STANDARD INSTRUMENT ARRIVALS (STAR) CHART - ICAO RNAV(GNSS) STAR RWY 33L/33R FROM NORTH AND EAST
AD 2-OKBK-49 AD 2-OKBK-50	STANDARD INSTRUMENT DEPARTURE (SID) CHART - ICAO RNAV(GNSS) STAR RWY 15L/15R FROM WEST AND SOUTH
AD 2-OKBK-51 AD 2-OKBK-52	STANDARD INSTRUMENT ARRIVALS (SID) CHART - ICAO RNAV(GNSS) SID RWY 33L/33R FROM NORTH AND EAST
AD 2-OKBK-53 AD 2-OKBK-54	STANDARD INSTRUMENT ARRIVALS (SID) CHART - ICAO RNAV(GNSS) STAR RWY 33L/33R FROM WEST AND SUOTH
AD 2-OKBK-55	INSTRUMENT APPROACH CHART – ICAO CAT I ILS/DME RWY 33L
AD 2-OKBK-57	INSTRUMENT APPROACH CHART – ICAO CAT II ILS/DME RWY 33L
AD 2-OKBK-59	INSTRUMENT APPROACH CHART – ICAO RNAV CAT I ILS/DME RWY 33L
AD 2-OKBK-61	INSTRUMENT APPROACH CHART – ICAO RNAV CAT II ILS/DME RWY 33L
AD 2-OKBK-63	INSTRUMENT APPROACH CHART – ICAO RNAV RWY 33L
AD 2-OKBK-65	INSTRUMENT APPROACH CHART – ICAO DVOR/DME RWY 33L
AD 2-OKBK-67	INSTRUMENT APPROACH CHART – ICAO CAT I ILS/DME RWY 15R
AD 2-OKBK-69	INSTRUMENT APPROACH CHART – ICAO CAT II ILS/DME RWY 15R
AD 2-OKBK-71	INSTRUMENT APPROACH CHART – ICAO RNAV CAT I ILS/DME RWY 15R
AD 2-OKBK-73	INSTRUMENT APPROACH CHART – ICAO RNAV CAT II ILS/DME RWY 15R
AD 2-OKBK-75	INSTRUMENT APPROACH CHART – ICAO RNAV RWY 15R
AD 2-OKBK-77	INSTRUMENT APPROACH CHART – ICAO DVOR/DME RWY 15R
AD 2-OKBK-81	INSTRUMENT APPROACH CHART – ICAO CAT I ILS/DME RWY 33R
AD 2-OKBK-83	INSTRUMENT APPROACH CHART – ICAO CAT II ILS/DME RWY 33R
AD 2-OKBK-85	INSTRUMENT APPROACH CHART – ICAO RNAV CAT I ILS/DME RWY 33R
AD 2-OKBK-87	INSTRUMENT APPROACH CHART – ICAO RNAV CAT II ILS/DME RWY 33R
AD 2-OKBK-89	INSTRUMENT APPROACH CHART – ICAO RNAV RWY 33R
AD 2-OKBK-91	INSTRUMENT APPROACH CHART – ICAO CAT I ILS/DME RWY 15L
AD 2-OKBK-93	INSTRUMENT APPROACH CHART – ICAO CAT II ILS/DME RWY 15L
AD 2-OKBK-95	INSTRUMENT APPROACH CHART – ICAO RNAV CAT I ILS/DME RWY 15L
AD 2-OKBK-87	INSTRUMENT APPROACH CHART – ICAO RNAV CAT II ILS/DME RWY 15L
AD 2-OKBK-99	INSTRUMENT APPROACH CHART – ICAO RNAV RWY 15L
AD 2-OKBK-101	INSTRUMENT APPROACH CHART – ICAO DVOR/DME A
AD 2-OKBK-103	INSTRUMENT APPROACH CHART – ICAO DVOR/DME B

NEW WAYPOINTS AND IFR HOLDINGS

3.1 The following new Waypoints are established:

IDENT	Latitude	Longitude	Phase of Flight
GIBOD	29° 14' 13'' N	048° 10' 58'' E	IAF
LUDIM	29° 13' 51'' N	048° 17' 49'' E	MAHP
IMGAV	29° 14' 02'' N	048° 14' 24'' E	IAF
ASLUN	28° 59' 45'' N	047° 57' 22'' E	SID/STAR
ALVAX	29° 20' 30'' N	048° 24' 22'' E	SID/STAR
SESRU	29° 09' 00'' N	048° 54' 50'' E	SID/STAR
EMEBA	29° 02' 13'' N	047° 57' 21'' E	SID/STAR
BUBER	29° 11' 17'' N	047° 00' 56'' E	G669
EGVAL	29° 24' 48'' N	048° 45' 45'' E	P975/B417

3.2 The following waypoints are withdrawn:

IDENT	Latitude	Longitude
ALRUT	28° 59' 57" N	047° 57' 51''E
ALVIX	29° 19' 15" N	048° 24' 10'' E
SESRA	29° 08' 03" N	048° 54' 53'' E
SODAP	29° 02' 13" N	047° 57' 53'' E

4. Changes: Waypoint ASLUN replacing ALRUT.
Waypoint ALVAX replacing ALVIX.
Waypoint SESRU replacing SESRA.

5 IMPLEMENTATION

5.1 This AIP Supplement and relevant charts will become effective on 20 MAY 2021 .

6 CANCELLATION

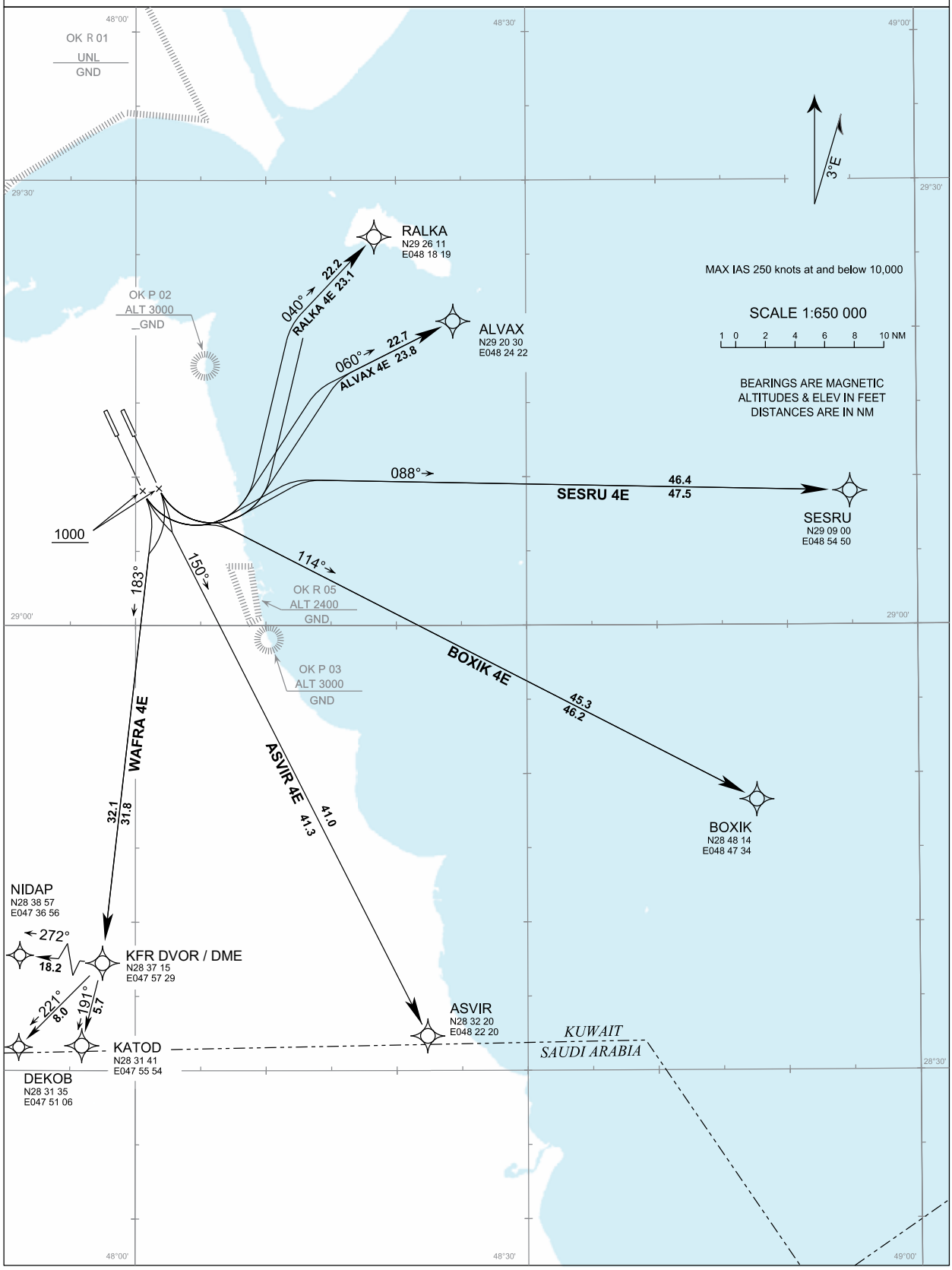
6.1 This AIP Supplement will remain until the information is published in AIP Kuwait.

END

APPENDIX A-1

STANDARD INSTRUMENT DEPARTURE CHART (SID)- ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225 DEL 126.775	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) SID RWY 15L/15R	

ALVAX 4E, ASVIR 4E, BOXIK 4E, RALKA 4E, SESRU 4E, KFR 4E



STANDARD INSTRUMENT DEPARTURE CHART (SID)- ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225 DEL 126.775		**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) SID RWY 15L/15R

ALVAX 4E, ASVIR 4E, BOXIK 4E, RALKA 4E, SESRU 4E, KFR 4E

ALVAX FOUR ECHO:
(ALVAX 4E)

15L Climb heading 152° to at or above 1000FT, then on course 060° to ALVAX, then as directed by ATC.

15R Climb heading 152° to at or above 1000FT, then on course 060° to ALVAX, then as directed by ATC.

ASVIR FOUR ECHO:
(ASVIR 4E)

15L Climb heading 152° to at or above 1000FT, then on course 150° to ASVIR, then as directed by ATC.

15R Climb heading 152° to at or above 1000FT, then on course 150° to ASVIR, then as directed by ATC.

BOXIK FOUR ECHO:
(BOXIK 4E)

15L Climb heading 152° to at or above 1000FT, then on course 114° to BOXIK, then as directed by ATC.

15R Climb heading 152° to at or above 1000FT, then on course 114° to BOXIK, then as directed by ATC.

RALKA FOUR ECHO:
(RALKA 4E)

15L Climb heading 152° to at or above 1000FT, then on course 040° to RALKA, then as directed by ATC.

15R Climb heading 152° to at or above 1000FT, then on course 040° to RALKA, then as directed by ATC.

SESRU FOUR ECHO:
(SESRU 4E)

15L Climb heading 152° to at or above 1000FT, then on course 088° to SESRU, then as directed by ATC.

15R Climb heading 152° to at or above 1000FT, then on course 088° to SESRU, then as directed by ATC.

KFR FOUR ECHO:
(KFR 4E)

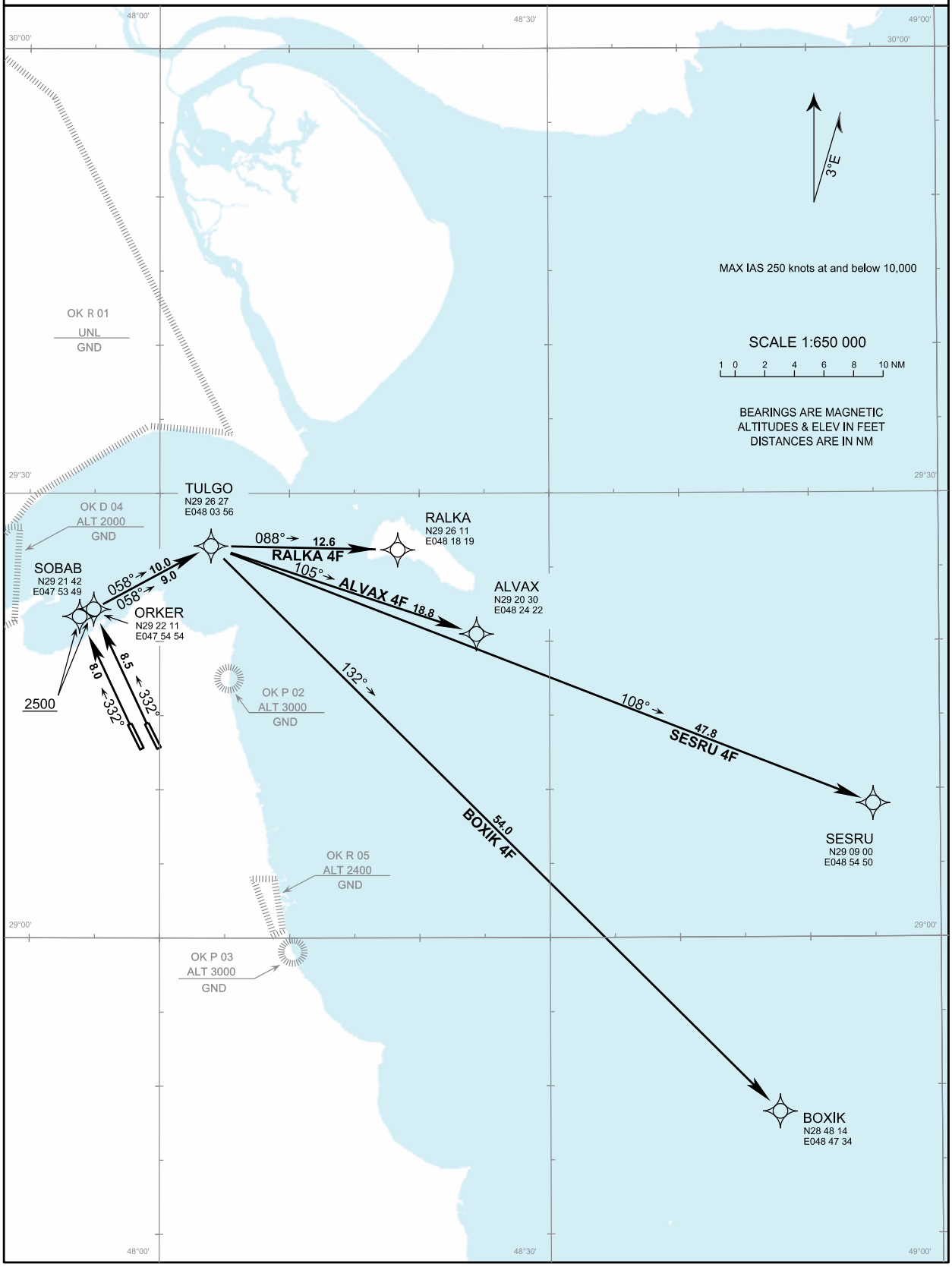
15L Climb heading 152°to at or above 1000FT, then on course 183° to KFR , then as directed by ATC.

15R Climb heading 152°to at or above 1000FT, then on course 183° to KFR , then as directed by ATC.

APPENDIX A-2

STANDARD INSTRUMENT DEPARTURE CHART (SID)- ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225 DEL 126.775	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) SID RWY 33L/33R	

ALVAX 4F, BOXIK 4F, RALKA 4F, SESRU 4F



STANDARD INSTRUMENT DEPARTURE CHART (SID)-ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225 DEL 126.775	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) SID RWY 33L/33R	

ALVAX 4F, BOXIK 4F, RALKA 4F, SESRU 4F

ALVAX FOUR FOXTROT:
(ALVAX 4F)

33L Climb Gradient of 4.9% or higher is required to 2500FT. Climb heading 332° to at or above 2500FT to SOBAB, then on course 058° to TULGO, then on course 105° to ALVAX, then as directed by ATC.

33R Climb Gradient of 4.6% or higher is required to 2500FT. Climb heading 332° to at or above 2500FT to ORKER, then on course 058° to TULGO, then on course 105° to ALVAX, then as directed by ATC.

BOXIK FOUR FOXTROT:
(BOXIK 4F)

33L Climb Gradient of 4.9% or higher is required to 2500FT. Climb heading 332° to at or above 2500FT to SOBAB, then on course 058° to TULGO, then on course 132° to BOXIK, then as directed by ATC.

33R Climb Gradient of 4.6% or higher is required to 2500FT. Climb heading 332° to at or above 2500FT to ORKER, then on course 058° to TULGO, then on course 132° to BOXIK, then as directed by ATC.

RALKA FOUR FOXTROT:
(RALKA 4F)

33L Climb Gradient of 4.9% or higher is required to 2500FT. Climb heading 332° to at or above 2500FT to SOBAB, then on course 058° to TULGO, then on course 088° to RALKA, then as directed by ATC.

33R Climb Gradient of 4.6% or higher is required to 2500FT. Climb heading 332° to at or above 2500FT to ORKER, then on course 058° to TULGO, then on course 088° to RALKA, then as directed by ATC.

SESRU FOUR FOXTROT:
(SESRU 4F)

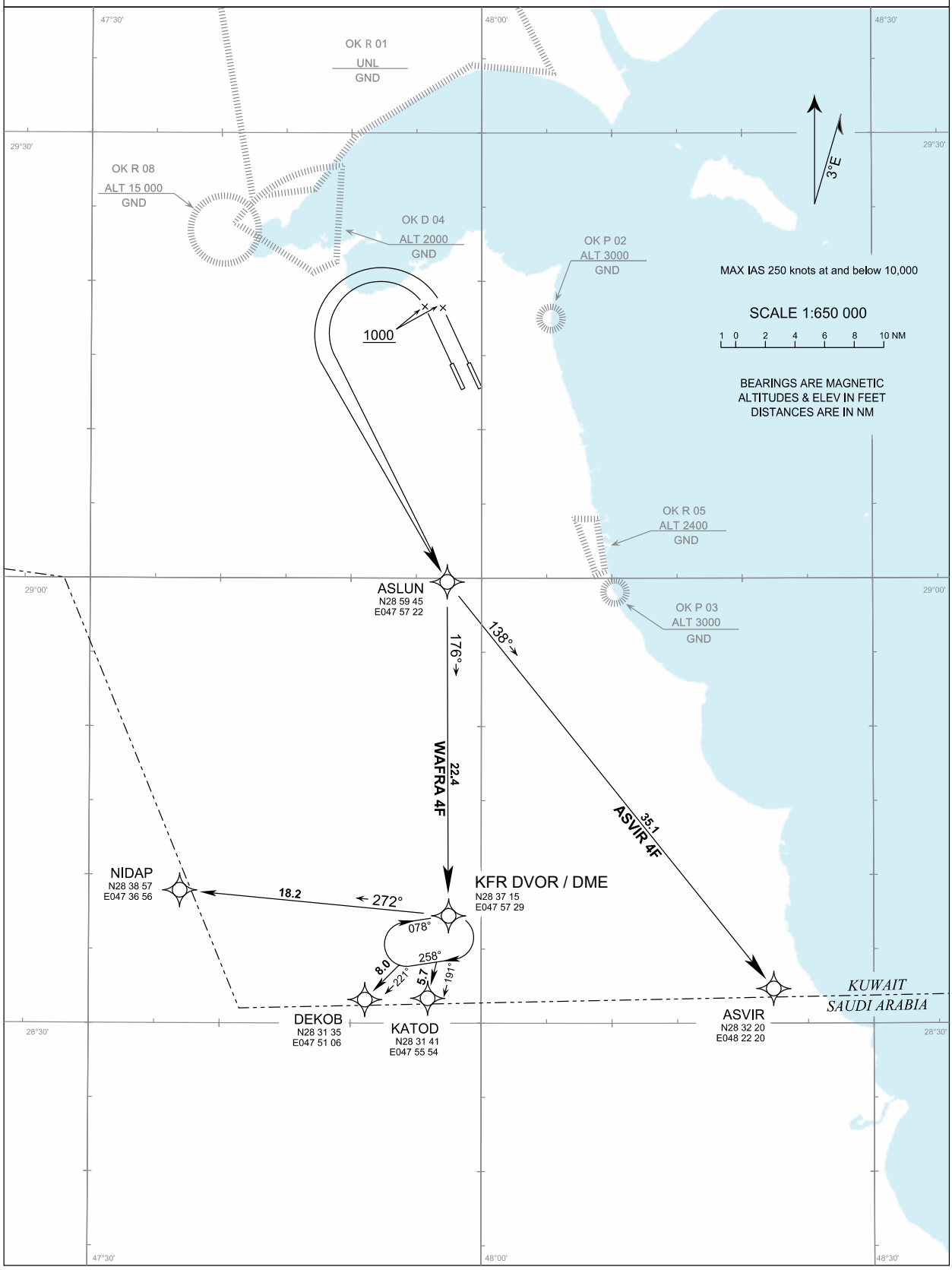
33L Climb Gradient of 4.9% or higher is required to 2500FT. Climb heading 332° to at or above 2500FT to SOBAB, then on course 058° to TULGO, then on course 108° to SESRU, then as directed by ATC.

33R Climb Gradient of 4.6% or higher is required to 2500FT. Climb heading 332° to at or above 2500FT to ORKER, then on course 058° to TULGO, then on course 108° to SESRU, then as directed by ATC.

APPENDIX A-3

STANDARD INSTRUMENT DEPARTURE CHART (SID)- ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225 DEL 126.775	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) SID RWY 33L/33R ***South Departure***	

ASVIR 4F, KFR 4F



STANDARD INSTRUMENT DEPARTURE CHART (SID)-ICAO	AD ELEV	205 FT	APP	124.800	KUWAIT / Kuwait Intl
	VAR	3° E	TWR	118.300	STATE OF KUWAIT
	Trans Level	*FL 150*	GMC	121.700	RNAV (GNSS) SID RWY 33L/33R
	Trans Alt	*13 000*	ATIS	126.225	*South Departure*
			DEL	126.775	

ASVIR 4F, KFR 4F

ASVIR FOUR FOXTROT:
(ASVIR 4F)

33L Climb heading 332° to at or above 1000FT, then left turn direct to ASLUN, then on course 138° to ASVIR, then as directed by ATC.

33R Climb heading 332° to at or above 1000FT, then left turn direct to ASLUN, then on course 138° to ASVIR, then as directed by ATC.

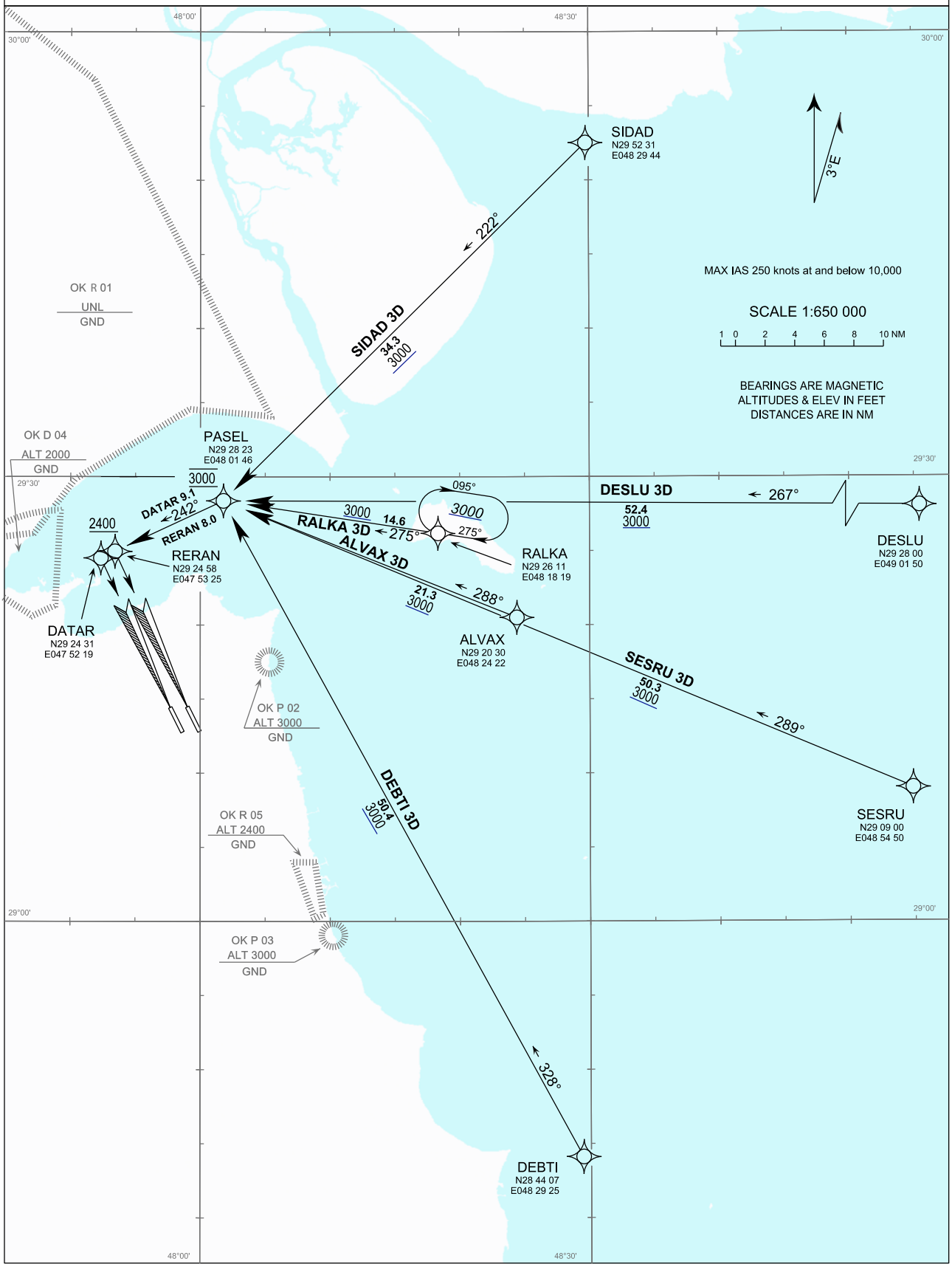
KFR FOUR FOXTROT:
(KFR 4F)

33L Climb heading 332° to at or above 1000FT, then left turn direct to ASLUN, then on course 176° to KFR , then as directed by ATC, then via transition.

33R Climb heading 332° to at or above 1000FT, then left turn direct to ASLUN, then on course 176° to KFR , then as directed by ATC, then via transition.

STANDARD ARRIVAL CHART INSTRUMENT (STAR)- ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225 DEL 126.775	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) STAR RWY 15L/15R ***Arrival from North and East***	

ALVAX 3D, RALKA 3D, SESRU 3D, DEBTI 3D, DESLU 3D, SIDAD 3D



STANDARD ARRIVAL CHART INSTRUMENT (STAR)-ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225 DEL 126.775	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) STAR RWY 15L/15R ***Arrival from North and East***	

ALVAX 3D, RALKA 3D, SESRU 3D, DEBTI 3D, DESLU 3D, SIDAD 3D

ALVAX THREE DELTA:
(ALVAX 3D)

From ALVAX, cross ALVAX at or above 3000 FT, proceed on track 288°, cross PASEL at 3000 FT, descending to 2400 FT to establish on ILS approach, or as directed by ATC.

RALKA THREE DELTA:
(RALKA 3D)

From RALKA, cross RALKA at or above 3000 FT, proceed on track 275°, cross PASEL at 3000 FT, descending to 2400 FT to establish on ILS approach, or as directed by ATC.

SESRU THREE DELTA:
(SESRU 3D)

From SESRU, cross SESRU at or above 3000 FT, proceed on track 289°, cross PASEL at 3000 FT, descending to 2400 FT to establish on ILS approach, or as directed by ATC.

DEBTI THREE DELTA :
(DEBTI 3D)

From DEBTI, cross DEBTI at or above 3000 FT, proceed on track 328°, cross PASEL at 3000 FT, descending to 2400 FT to establish on ILS approach, or as directed by ATC.

DESLU THREE DELTA:
(DESLU 3D)

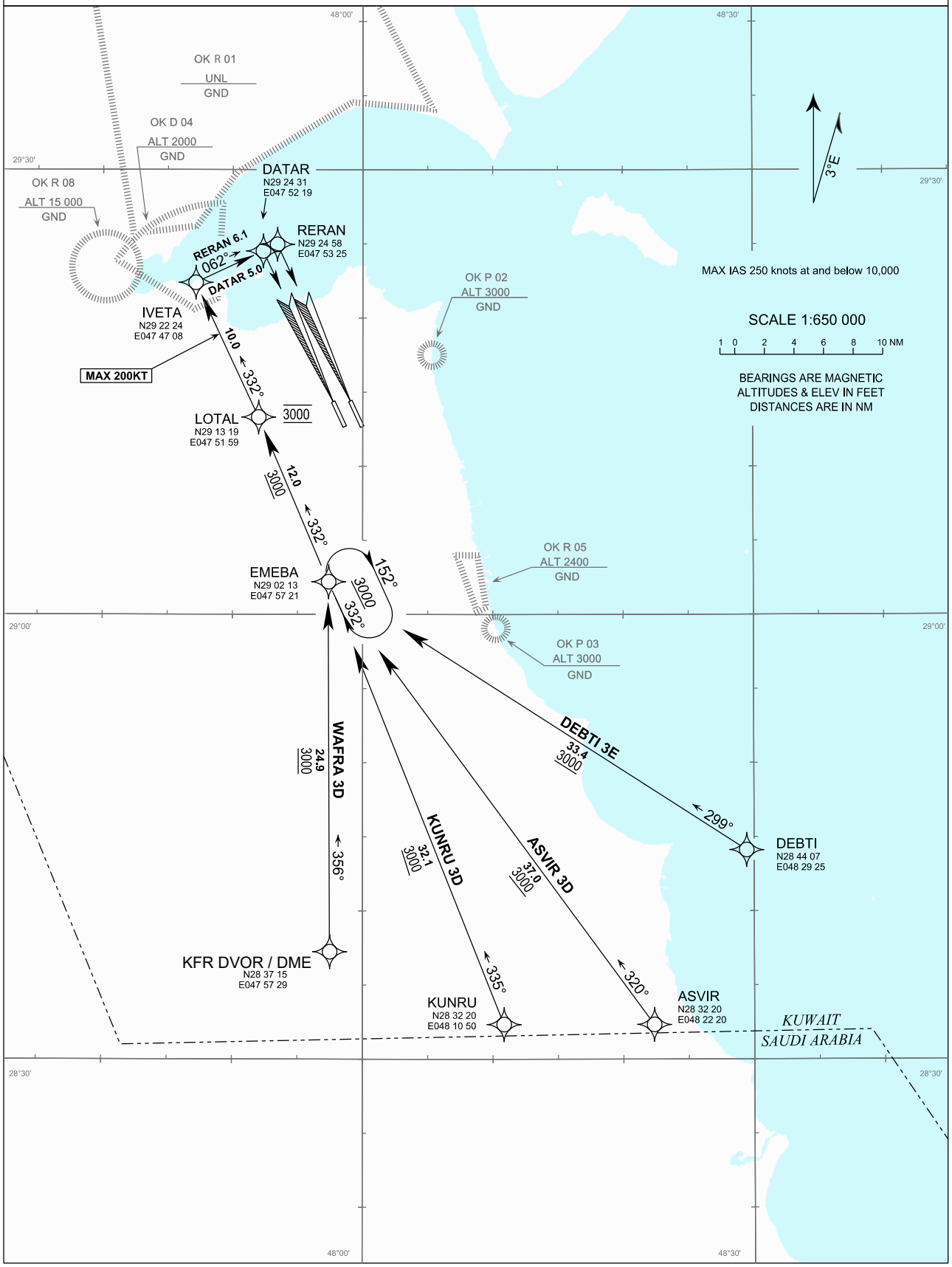
From DESLU, cross DESLU at or above 3000 FT, proceed on track 267°, cross PASEL at 3000 FT, descending to 2400 FT to establish on ILS approach, or as directed by ATC.

SIDAD THREE DELTA:
(SIDAD 3D)

From SIDAD, cross SIDAD at or above 3000 FT, proceed on track 222°, cross PASEL at 3000 FT, descending to 2400 FT to establish on ILS approach, or as directed by ATC.

STANDARD ARRIVAL CHART INSTRUMENT (STAR)- ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) STAR RWY 15L/15R ***Arrival from West and South***	

ASVIR 3D, DEBTI 3E, KUNRU 3D, KFR 3D



STANDARD ARRIVAL CHART INSTRUMENT (STAR)- ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) STAR RWY 15L/15R ***Arrival from West and South***

ASVIR 3D, DEBTI 3E, KUNRU 3D, KFR 3D

ASVIR THREE DELTA:
(ASVIR 3D)

From ASVIR, cross ASVIR at or above 3000 FT, proceed on track 320°, cross EMEBA at or above 3000 FT, direct LOTAL, cross LOTAL at 3000 FT direct to IVETA
Maximum IAS after LOTAL 200 KT, establish on ILS approach, or as directed by ATC.

DEBTI THREE ECHO:
(DEBTI 3E)

From DEBTI, cross DEBTI at or above 3000 FT, proceed on track 299°, cross EMEBA at or above 3000 FT, direct LOTAL, cross LOTAL at 3000 FT direct to IVETA
Maximum IAS after LOTAL 200 KT, establish on ILS approach, or as directed by ATC.

KUNRU THREE DELTA:
(KUNRU 3D)

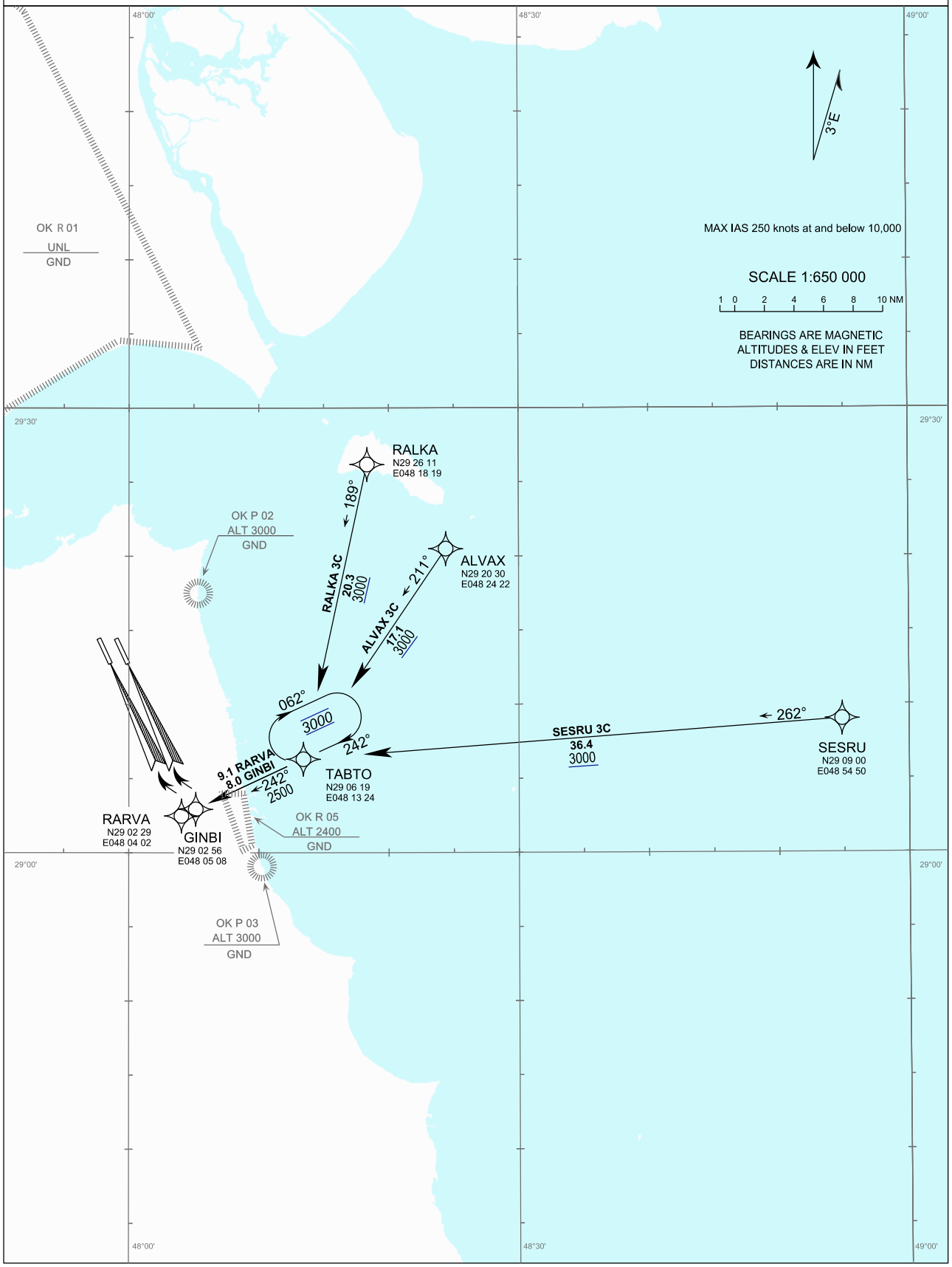
From KUNRU, cross KUNRU at or above 3000 FT, proceed on track 335°, cross EMEBA at or above 3000 FT, direct LOTAL, cross LOTAL at 3000 FT direct to IVETA
Maximum IAS after LOTAL 200 KT, establish on ILS approach, or as directed by ATC.

KFR THREE DELTA:
(KFR 3D)

From KFR , cross KFR at or above 3000 FT, proceed on track 356°, cross EMEBA at or above 3000 FT, direct LOTAL, cross LOTAL at 3000 FT direct to IVETA
Maximum IAS after LOTAL 200 KT, establish on ILS approach, or as directed by ATC.

STANDARD ARRIVAL CHART INSTRUMENT (STAR)- ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225		**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) STAR RWY 33L/33R ***Arrival from North and East***

ALVAX 3C, RALKA 3C, SESRU 3C



STANDARD ARRIVAL CHART INSTRUMENT (STAR)- ICAO	AD ELEV 205 FT VAR 3° E Trans Level *FL 150* Trans Alt *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) STAR RWY 33L/33R ***Arrival from North and East***

ALVAX 3C, RALKA 3C, SESRU 3C

ALVAX THREE CHARLIE:
(ALVAX 3C)

From ALVAX, cross ALVAX at or above 3000 FT, proceed on track 211°, cross TABTO at 3000 FT, descending to 2500 FT to establish on the ILS approach, or as directed by ATC.

RALKA THREE CHARLIE:
(RALKA 3C)

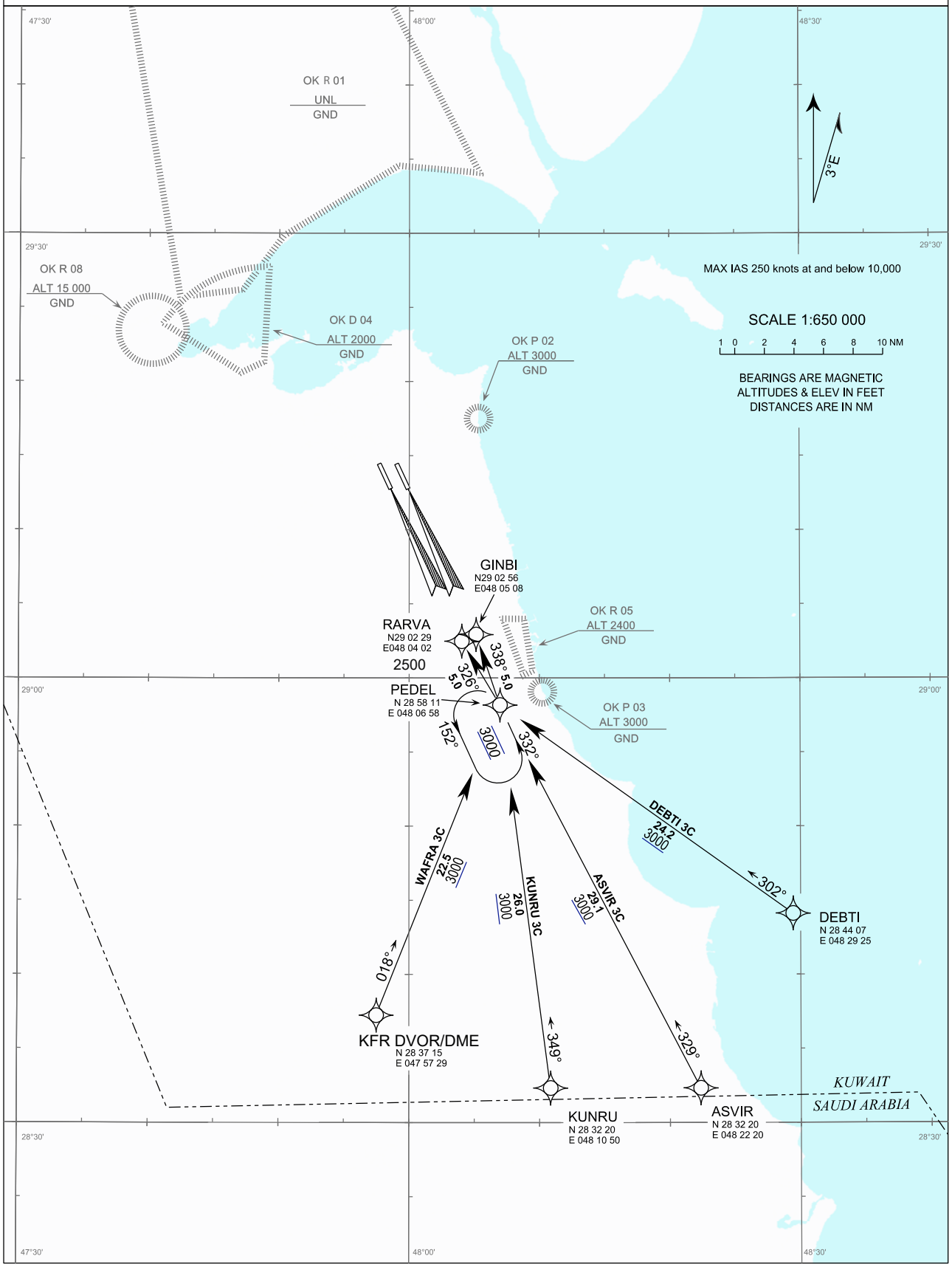
From RALKA, cross RALKA at or above 3000 FT, proceed on track 189°, cross TABTO at 3000 FT, descending to 2500 FT to establish on the ILS approach, or as directed by ATC.

SESRU THREE CHARLIE:
(SESRU 3C)

From SESRU, cross SESRU at or above 3000 FT, proceed on track 262°, cross TABTO at 3000 FT, descending to 2500 FT to establish on the ILS approach, or as directed by ATC.

STANDARD ARRIVAL CHART INSTRUMENT (STAR)-ICAO	AD ELEV 205 FT VAR 3° E Trans Level *FL 150* Trans Alt *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) STAR RWY 33L/33R ***Arrival from West and South***	

ASVIR 3C, DEBTI 3C, KUNRU 3C, KFR 3C



STANDARD ARRIVAL CHART INSTRUMENT (STAR)- ICAO	AD ELEV VAR Trans Level Trans Alt	205 FT 3° E *FL 150* *13 000*	APP 124.800 TWR 118.300 GMC 121.700 ATIS 126.225	**KUWAIT / Kuwait Intl** STATE OF KUWAIT RNAV (GNSS) STAR RWY 33L/33R ***Arrival from West and South***	

ASVIR 3C, DEBTI 3C, KUNRU 3C, KFR 3C

ASVIR THREE CHARLIE:
(ASVIR 3C)

From ASVIR, cross ASVIR at or above 3000 FT, proceed on track 329°, cross PEDEL at 3000 FT, descending to 2500 FT to establish on the ILS approach, or as directed by ATC.

DEBTI THREE CHARLIE:
(DEBTI 3C)

From DEBTI, cross DEBTI at or above 3000 FT, proceed on track 302°, cross PEDEL at 3000 FT, descending to 2500 FT to establish on the ILS approach, or as directed by ATC.

KUNRU THREE CHARLIE:
(KUNRU 3C)

From KUNRU, cross KUNRU at or above 3000 FT, proceed on track 349°, cross PEDEL at 3000 FT, descending to 2500 FT to establish on the ILS approach, or as directed by ATC.

KFR THREE CHARLIE:
(KFR 3C)

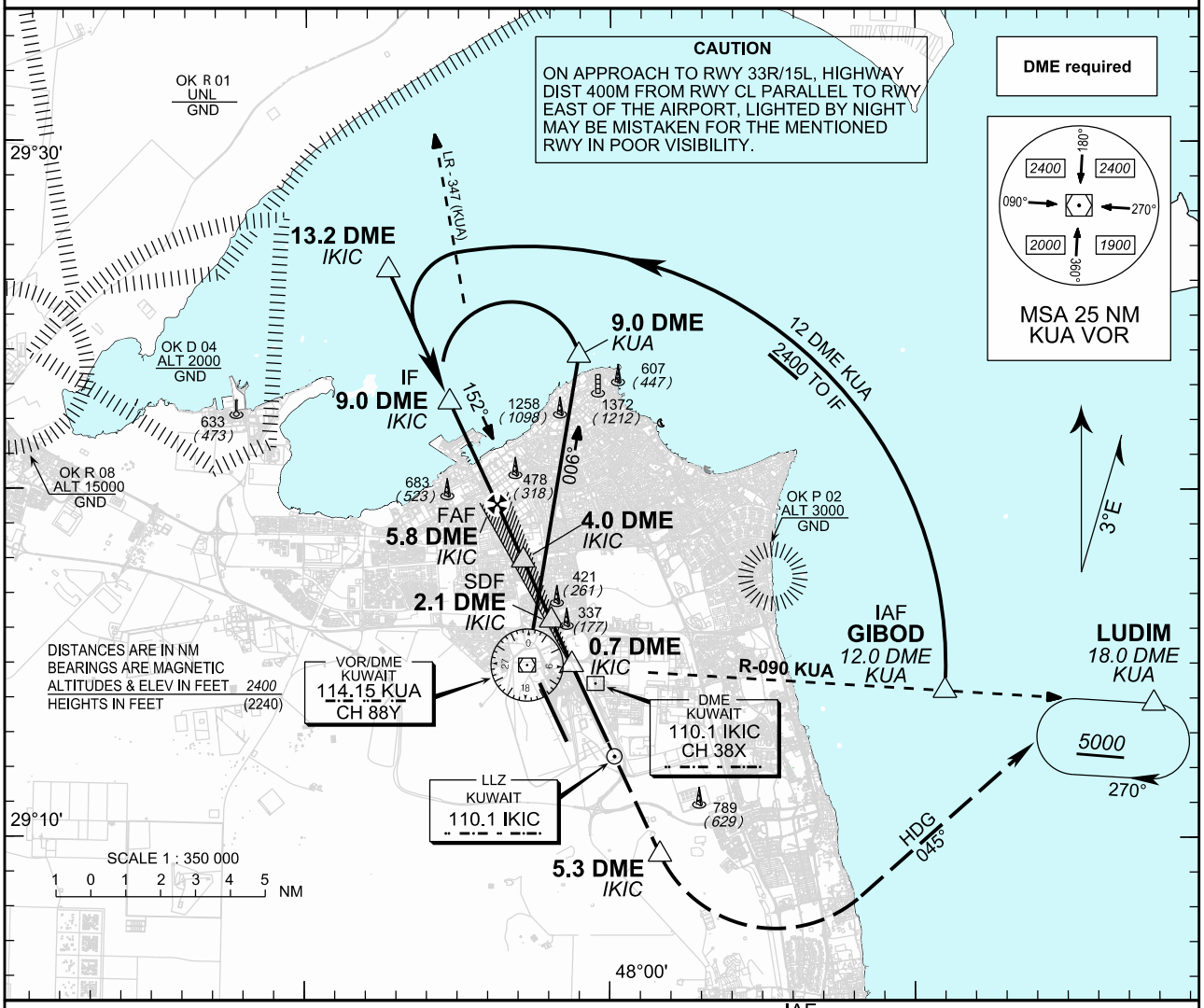
From KFR , cross KFR at or above 3000 FT, proceed on track 018°, cross PEDEL at 3000 FT, descending to 2500 FT to establish on the ILS approach, or as directed by ATC.

INSTRUMENT APPROACH CHART - ICAO

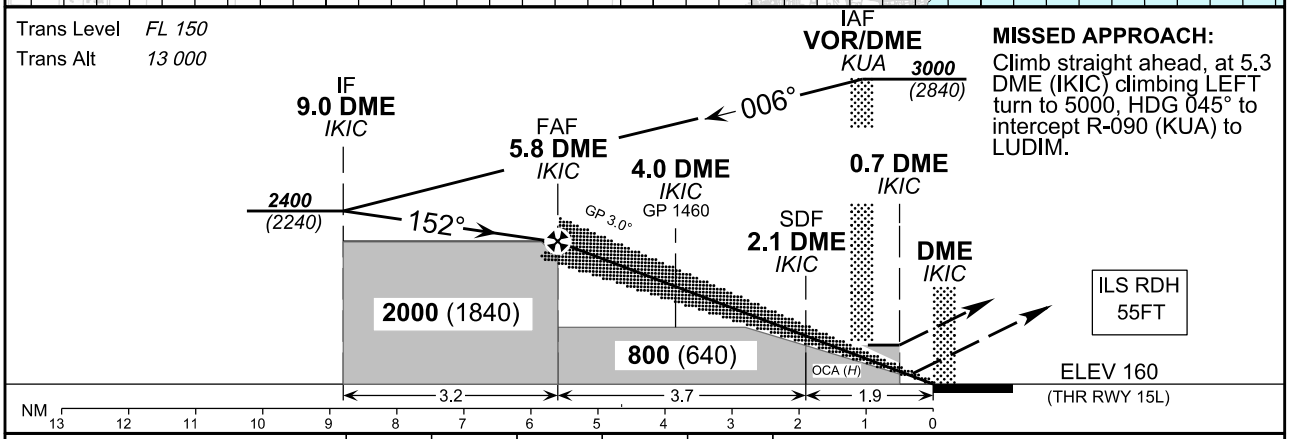
AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 15L ELEV 160 FT

APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
ILS Z RWY 15L CAT I/II



Trans Level *FL 150*
Trans Alt *13 000*



MISSED APPROACH:
Climb straight ahead, at 5.3 DME (IKIC) climbing LEFT turn to 5000, HDG 045° to intercept R-090 (KUA) to LUDIM.

OCA (H)		A	B	C	D	E
Straight-in Approach	CAT I	***360*** (200)				
	CAT II	***260*** (100)				
	GP INOP	***550*** (390)				
Circling (HAA)		***730*** (526)	***870*** (666)	***1190*** (986)	***1190*** (986)	***1290*** (1086)

MAX IAS 250 knots at and below 10,000.
Remain within 12 DME KUA.

WAYPOINTS		DIST from DME(IKIC)	NM	1	2	3	4	5	6
		ALT QNH	FT	481	800	1119	1437	1756	2074
		Ground speed	KTS	60	80	100	120	140	160
		Rate of descent	FT/MIN	320	420	530	640	740	850

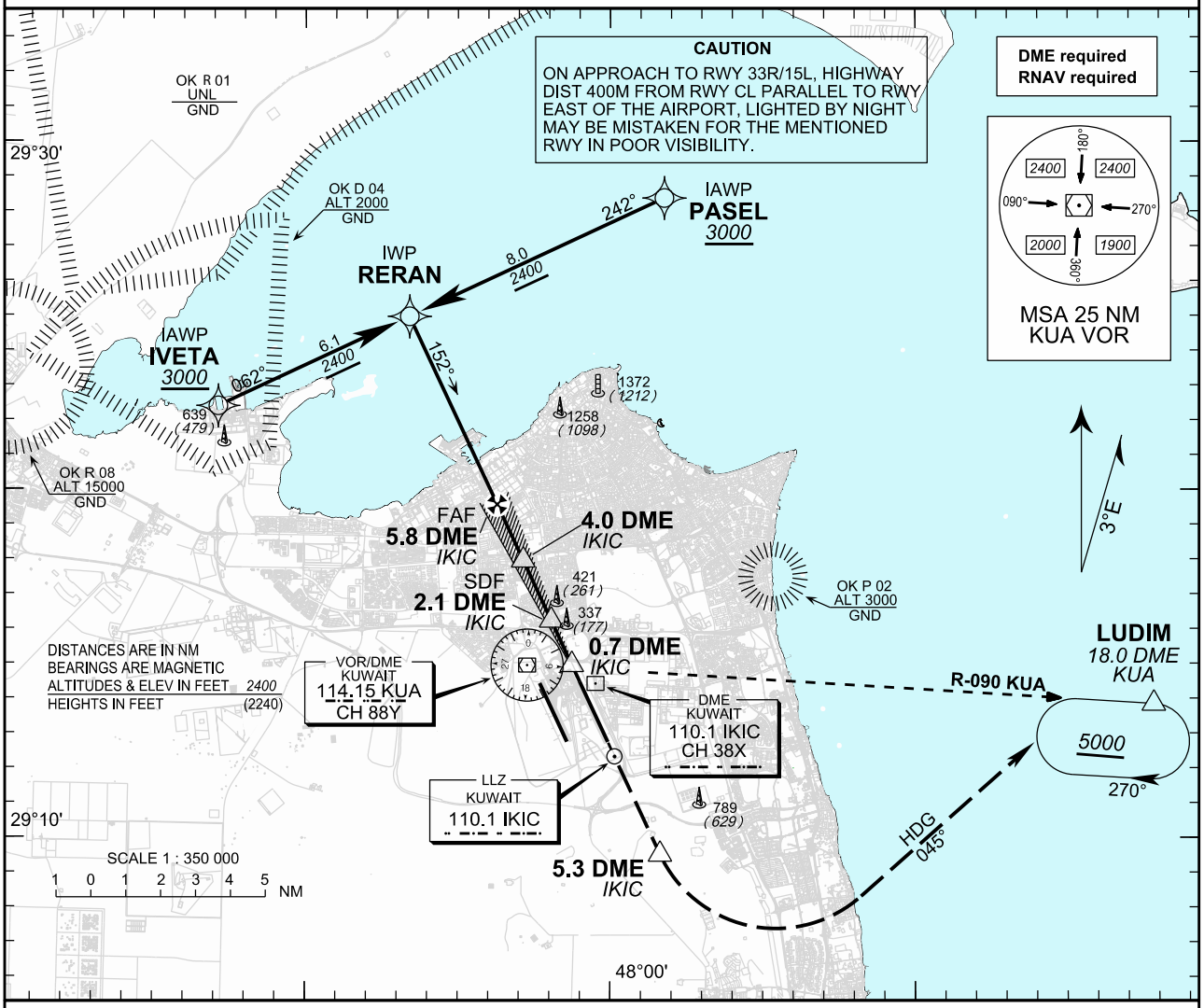
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 15L ELEV 160 FT

APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

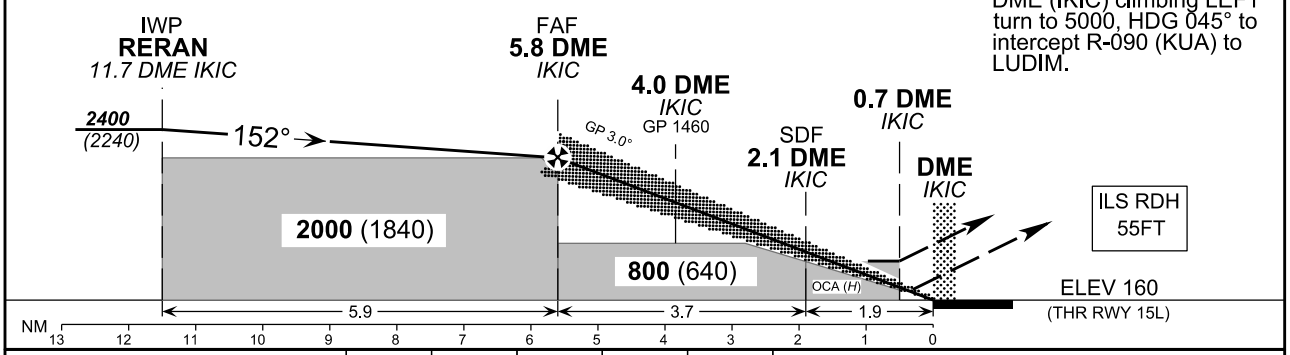
KUWAIT / Kuwait Intl

STATE OF KUWAIT
ILS Y RWY 15L CAT I/II



Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb straight ahead, at 5.3 DME (IKIC) climbing LEFT turn to 5000, HDG 045° to intercept R-090 (KUA) to LUDIM.



OCA (H)		A	B	C	D	E
Straight-in Approach	CAT I	360 (200)				
	CAT II	260 (100)				
	GP INOP	550 (390)				
Circling (HAA)		730 (526)	870 (666)	1190 (986)	1190 (986)	1290 (1086)

MAX IAS 250 knots at and below 10,000.

WAYPOINTS		
IVETA	N29 22 23.84	E047 47 07.96
RERAN	N29 24 58.02	E047 53 24.53
PASEL	N29 28 22.58	E048 01 45.78

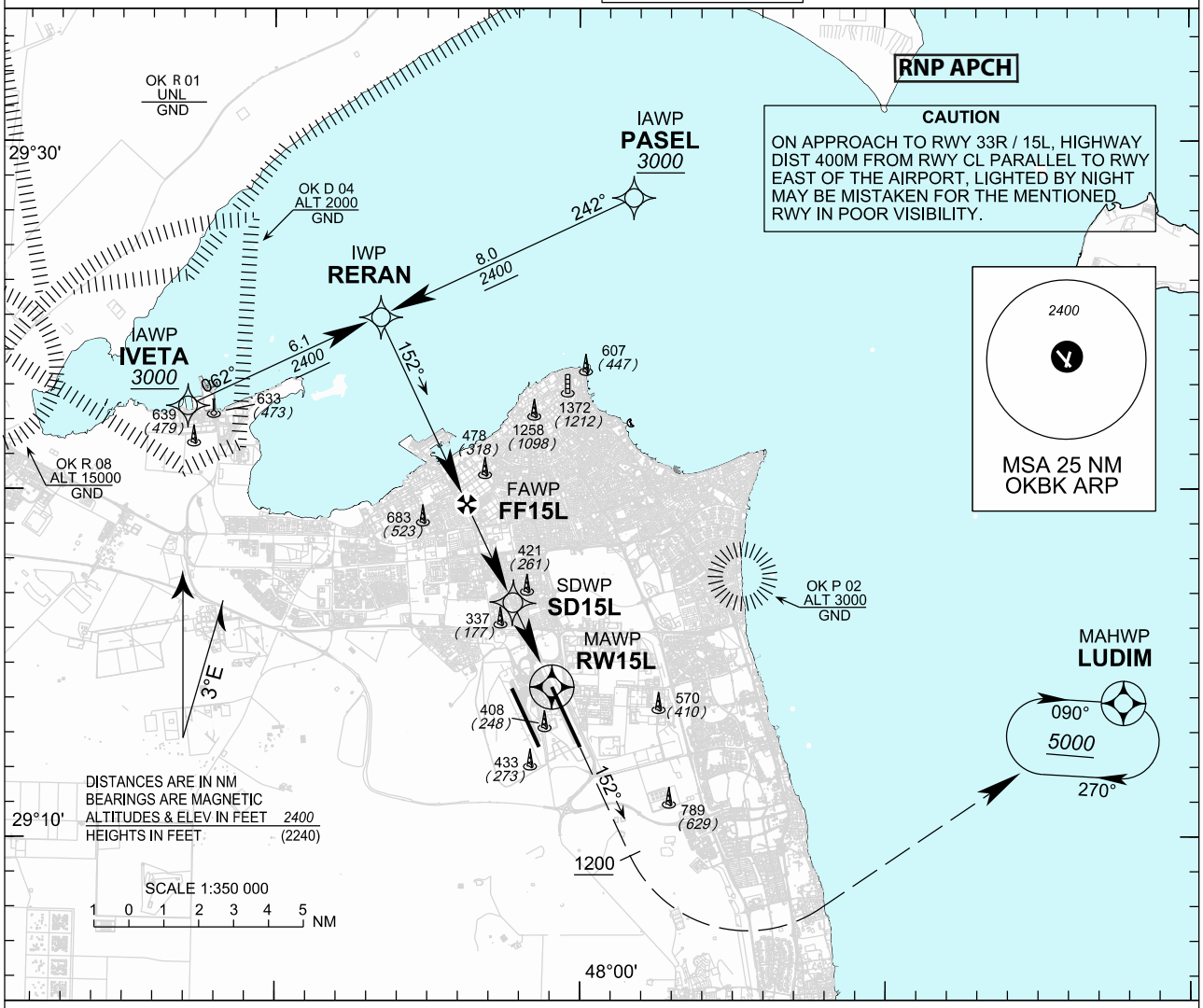
DIST from DME(IKIC)	NM	1	2	3	4	5	6
ALT QNH	FT	481	800	1119	1437	1756	2074
Ground speed	KTS	60	80	100	120	140	160
Rate of descent	FT/MIN	320	420	530	640	740	850

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 15L ELEV 160 FT

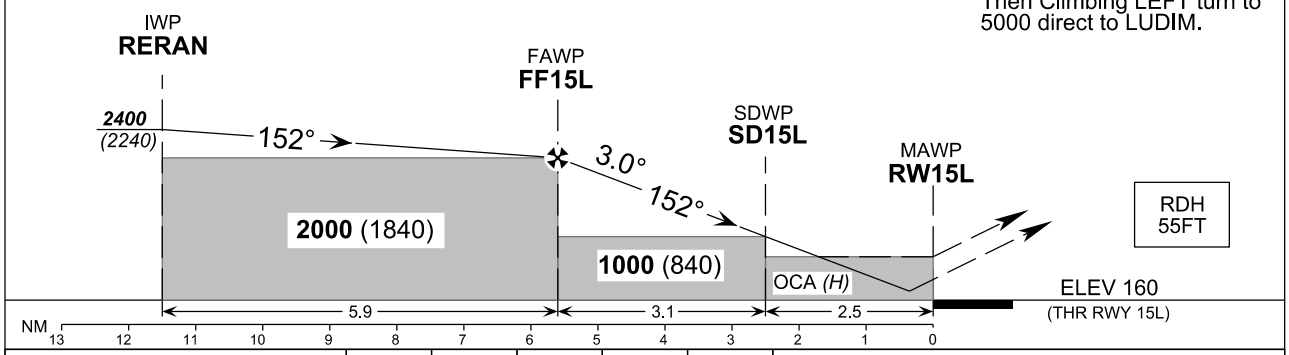
APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
RNP RWY 15L



Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb to 1200 hdg 152°.
Then Climbing LEFT turn to 5000 direct to LUDIM.



OCA (H)		A	B	C	D	E
Straight-in Approach	LNAV	610 (450)				
Circling (HAA)		730 (526)	870 (666)	1190 (986)	1190 (986)	1290 (1086)

MAX IAS 250 knots at and below 10,000.

WAYPOINTS

IVETA	N29 22 23.84	E047 47 07.96	FF15L	N29 19 34.11	E047 56 17.66
RERAN	N29 24 58.02	E047 53 24.53	SD15L	N29 16 44.74	E047 57 47.76
PASEL	N29 28 22.58	E048 01 45.78	RW15L	N29 14 28.44	E047 59 00.20
			LUDIM	N29 13 50.83	E048 17 48.95

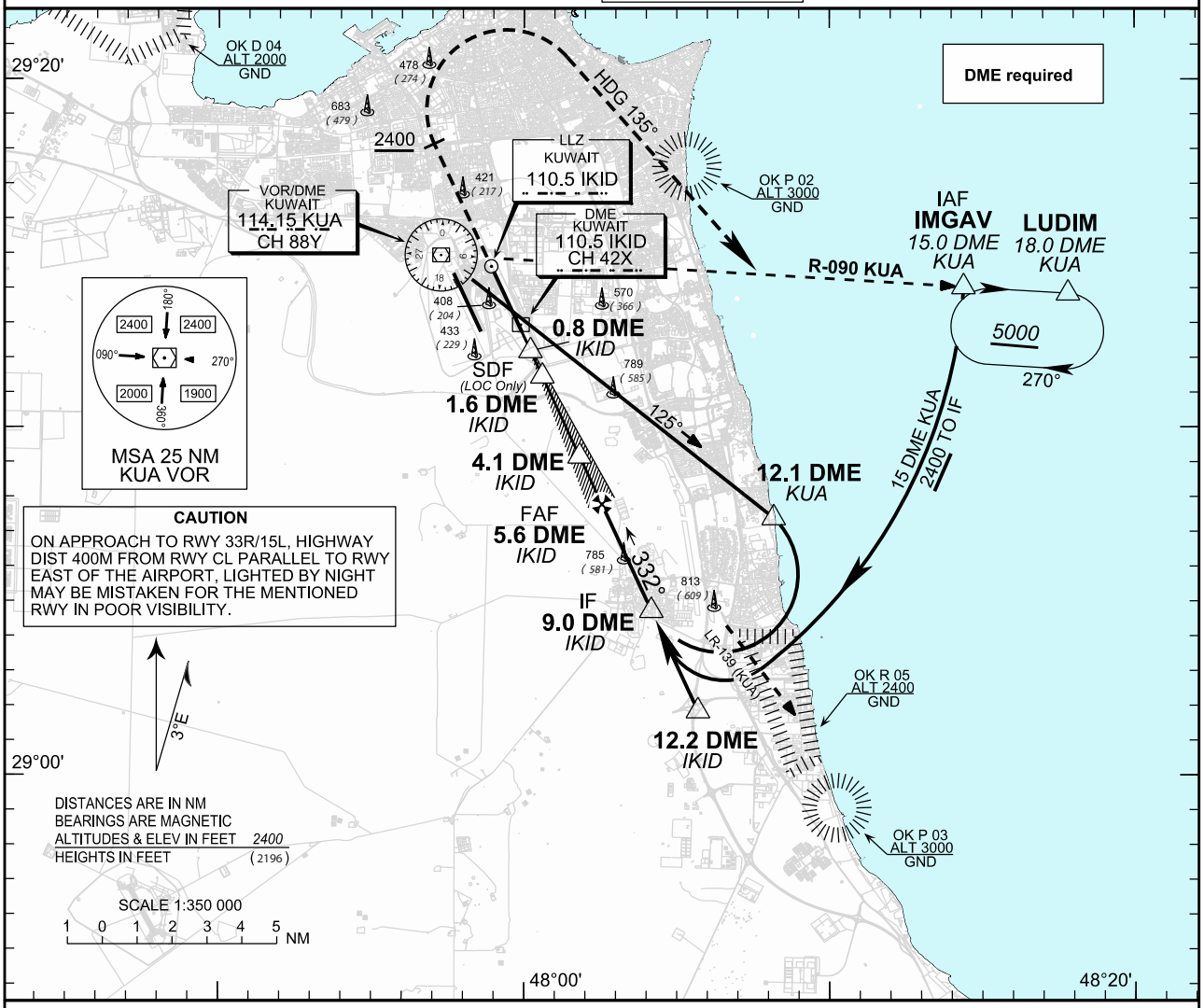
DIST from RW15L	NM	1	2	3	4	5	6
ALT QNH	FT	533	851	1170	1488	1807	2125
Ground speed	KTS	60	80	100	120	140	160
Rate of descent	FT/MIN	320	420	530	640	740	850

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 33R ELEV 204 FT

APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
ILS Z RWY 33R CAT I/II



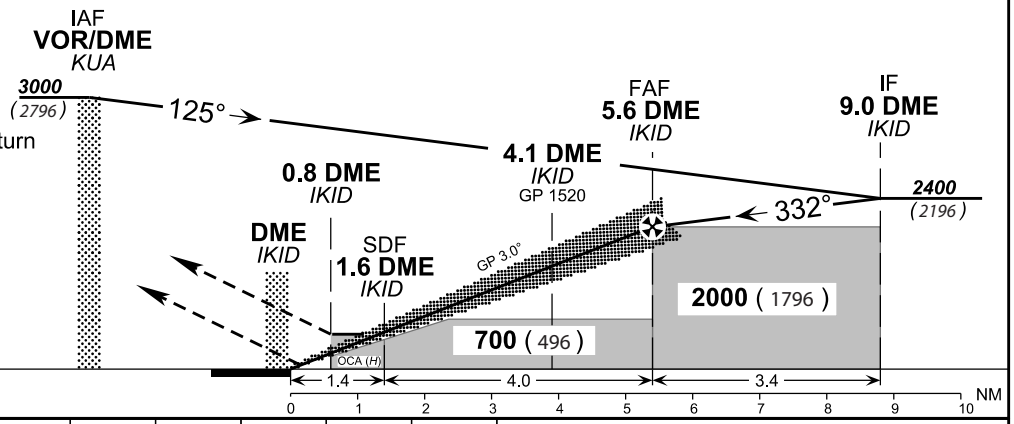
CAUTION
ON APPROACH TO RWY 33R/15L, HIGHWAY DIST 400M FROM RWY CL PARALLEL TO RWY EAST OF THE AIRPORT, LIGHTED BY NIGHT MAY BE MISTAKEN FOR THE MENTIONED RWY IN POOR VISIBILITY.

Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb straight ahead to 2400, climbing RIGHT turn to 5000, HDG 135° to intercept R-090 (KUA) to LUDIM.

ILS RDH
56FT

ELEV 204
(THR RWY 33R)



OCA (H)		A	B	C	D	E
Straight-in Approach	CAT I	405 (201)				
	CAT II	305 (101)				
	GP INOP	490 (286)				
Circling (HAA)		730 (526)	870 (666)	1190 (986)		1290 (1086)

MAX IAS 250 knots at and below 10,000.
Remain within 15 DME KUA.

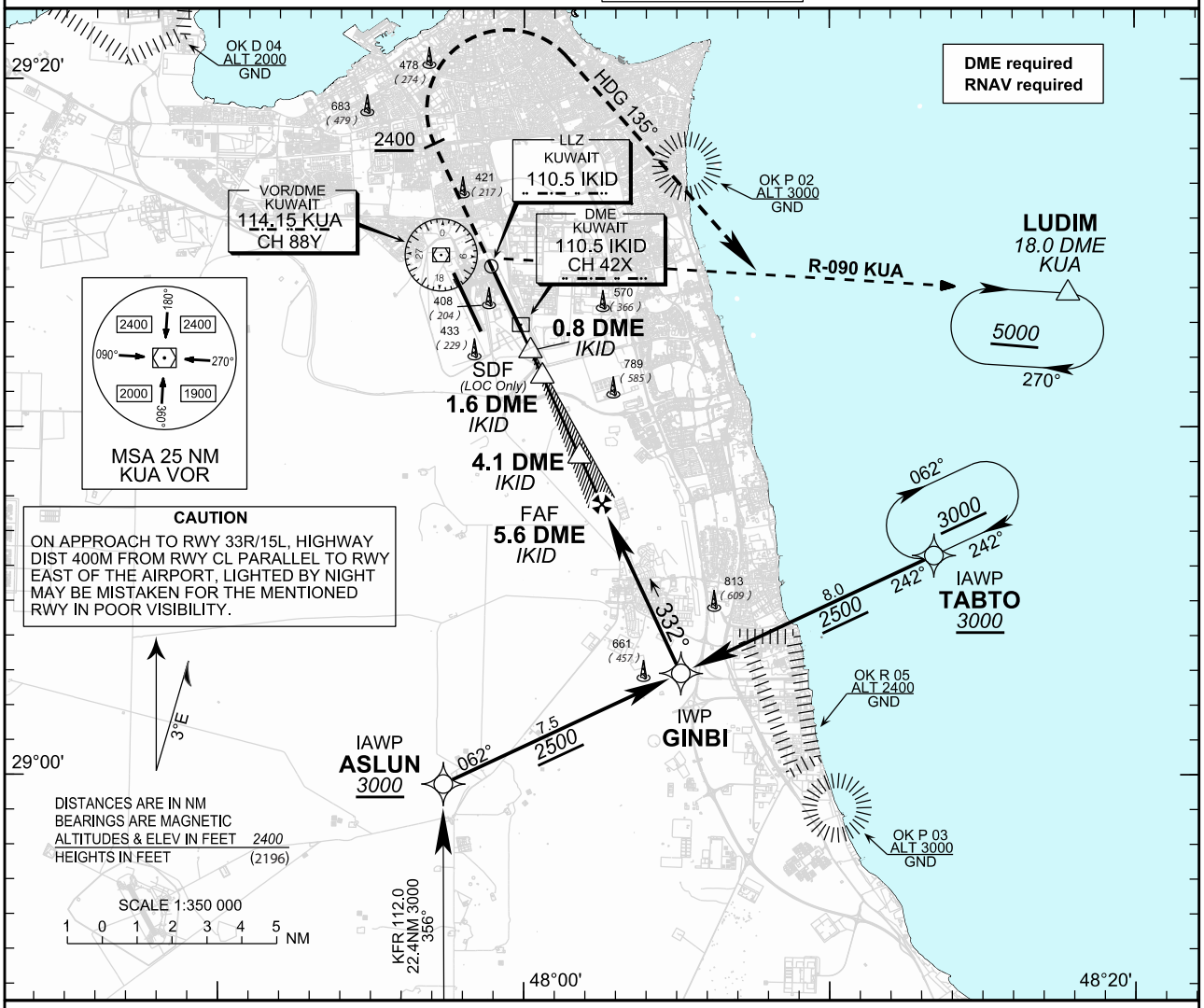
WAYPOINTS	DIST from DME (IKID)	NM	1	2	3	4	5	6
	ALT QNH	FT	520	839	1158	1476	1794	2113
	Ground speed	KTS	60	80	100	120	140	160
	Rate of descent	FT/MIN	320	420	530	640	740	850

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 33R ELEV 204 FT

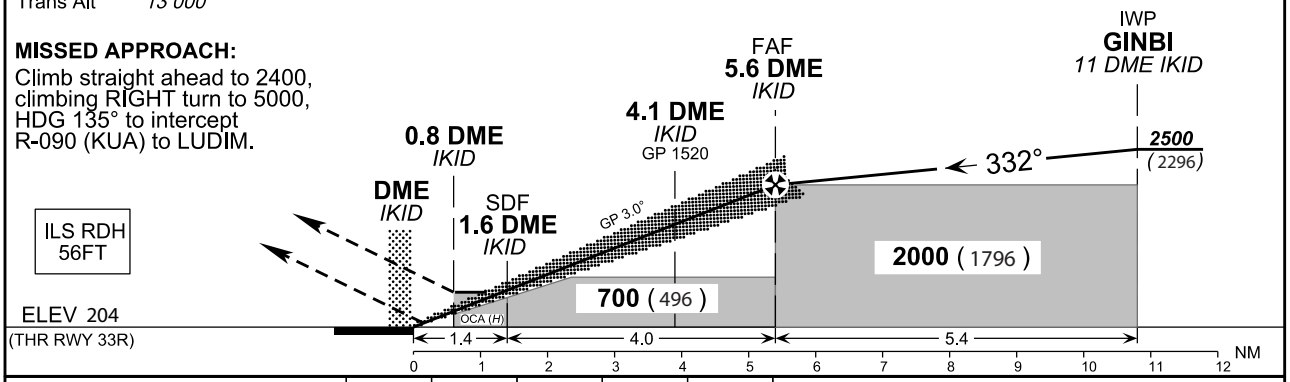
APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
ILS Y RWY 33R CATI/II



Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb straight ahead to 2400, climbing RIGHT turn to 5000, HDG 135° to intercept R-090 (KUA) to LUDIM.



OCA (H)		A	B	C	D	E
Straight-in Approach	CAT I	405 (201)				
	CAT II	305 (101)				
	GP INOP	490 (286)				
Circling (HAA)		730 (526)	870 (666)	1190 (986)		1290 (1086)

MAX IAS 250 knots at and below 10,000.

WAYPOINTS

KFR	N28 37 15.00	E047 57 29.00
ASLUN	N28 59 44.77	E047 57 21.71
TABTO	N29 06 18.92	E048 13 24.40
GINBI	N29 02 55.85	E048 05 07.71

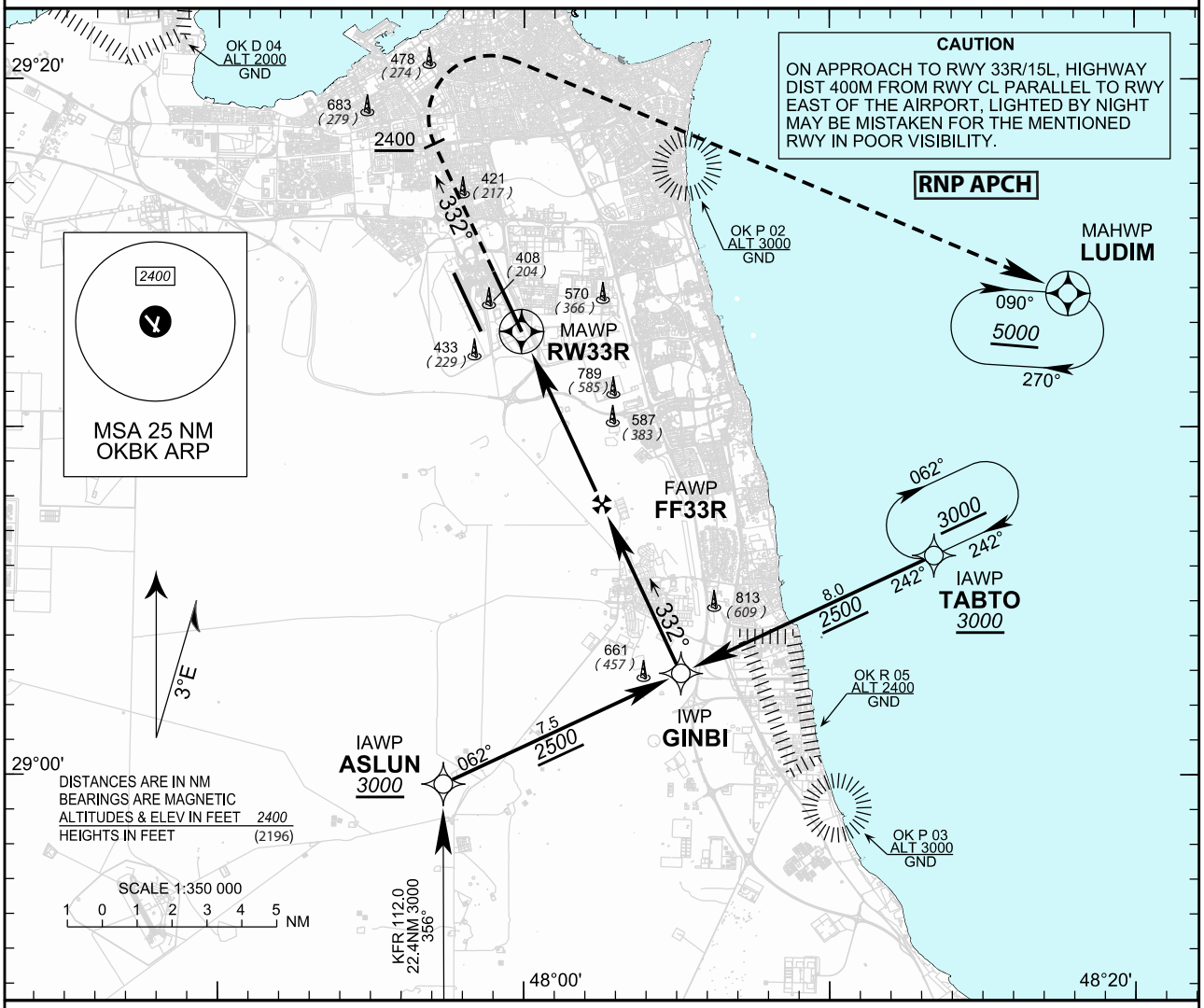
DIST from DME (IKID)	NM	1	2	3	4	5	6
ALT QNH	FT	520	839	1158	1476	1794	2113
Ground speed	KTS	60	80	100	120	140	160
Rate of descent	FT/MIN	320	420	530	640	740	850

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 33R ELEV 204 FT

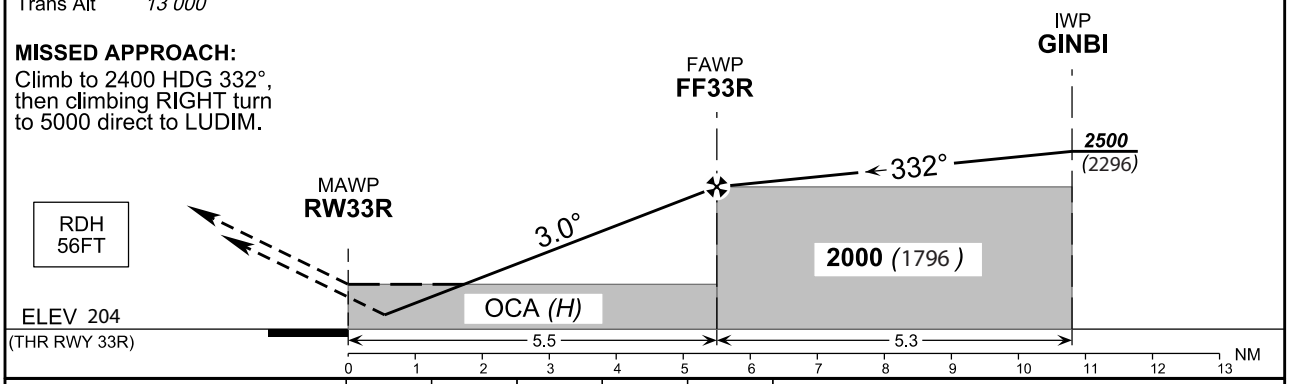
APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
RNP RWY 33R



Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb to 2400 HDG 332°, then climbing RIGHT turn to 5000 direct to LUDIM.



OCA (H)		A	B	C	D	E
Straight-in Approach	LNAV	640 (436)				
Circling (HAA)		730 (526)	870 (666)	1190 (986)		1290 (1086)

MAX IAS 250 knots at and below 10,000.

WAYPOINTS

KFR	N28 37 15.00	E047 57 29.00	FF33R	N29 07 47.29	E048 02 33.07
ASLUN	N28 59 44.77	E047 57 21.71	RW33R	N29 12 45.37	E047 59 54.94
TABTO	N29 06 18.92	E048 13 24.40	LUDIM	N29 13 50.83	E048 17 48.95
GINBI	N29 02 55.85	E048 05 07.71			

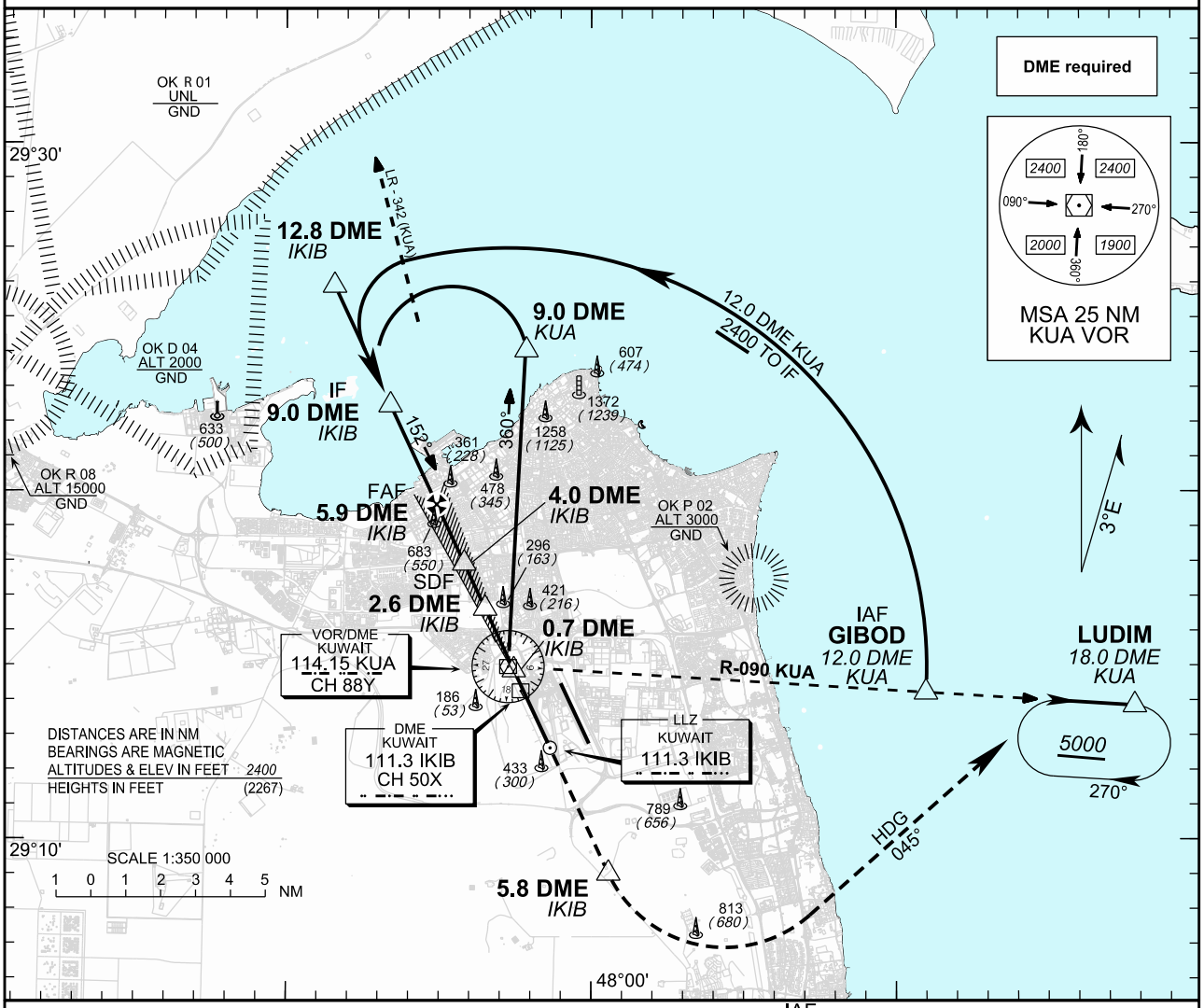
DIST from RW33R	NM	1	2	3	4	5	6
ALT QNH	FT	579	897	1216	1534	1853	2171
Ground speed	KTS	60	80	100	120	140	160
Rate of descent	FT/MIN	320	420	530	640	740	850

INSTRUMENT APPROACH CHART - ICAO

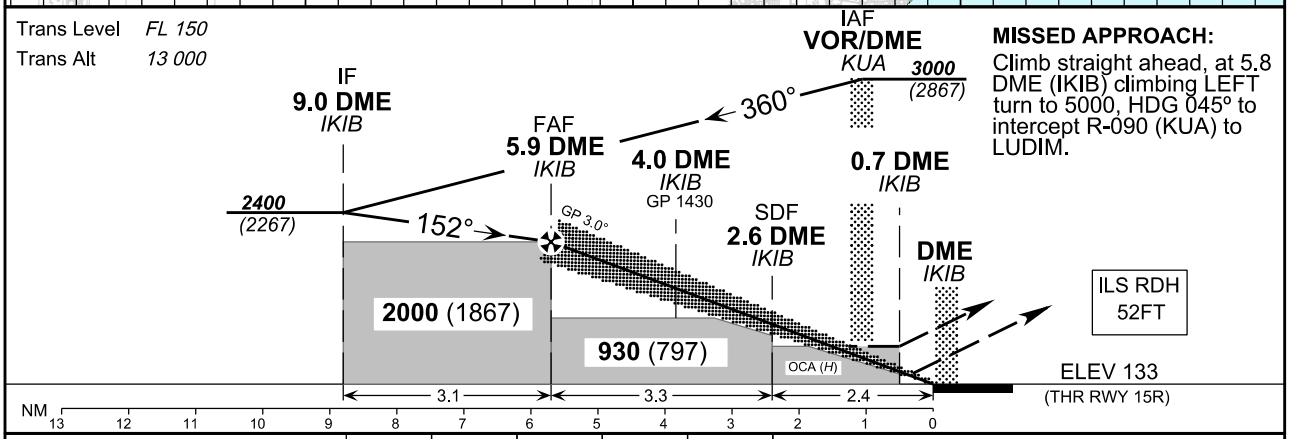
AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 15R ELEV 133 FT

APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
ILS Z RWY 15R CAT I/II



Trans Level *FL 150*
Trans Alt *13 000*



MISSED APPROACH:
Climb straight ahead, at 5.8 DME (IKIB) climbing LEFT turn to 5000, HDG 045º to intercept R-090 (KUA) to LUDIM.

OCA (H)		A	B	C	D	E
Straight-in Approach	CAT I	***333*** (200)				
	CAT II	***233*** (100)				
	GP INOP	***530*** (397)				
Circling (HAA)		***730*** (526)	***870*** (666)	***1190***(986)	***1190***(986)	***1290***(1086)

MAX IAS 250 knots at and below 10,000.
Remain within 12 DME KUA.

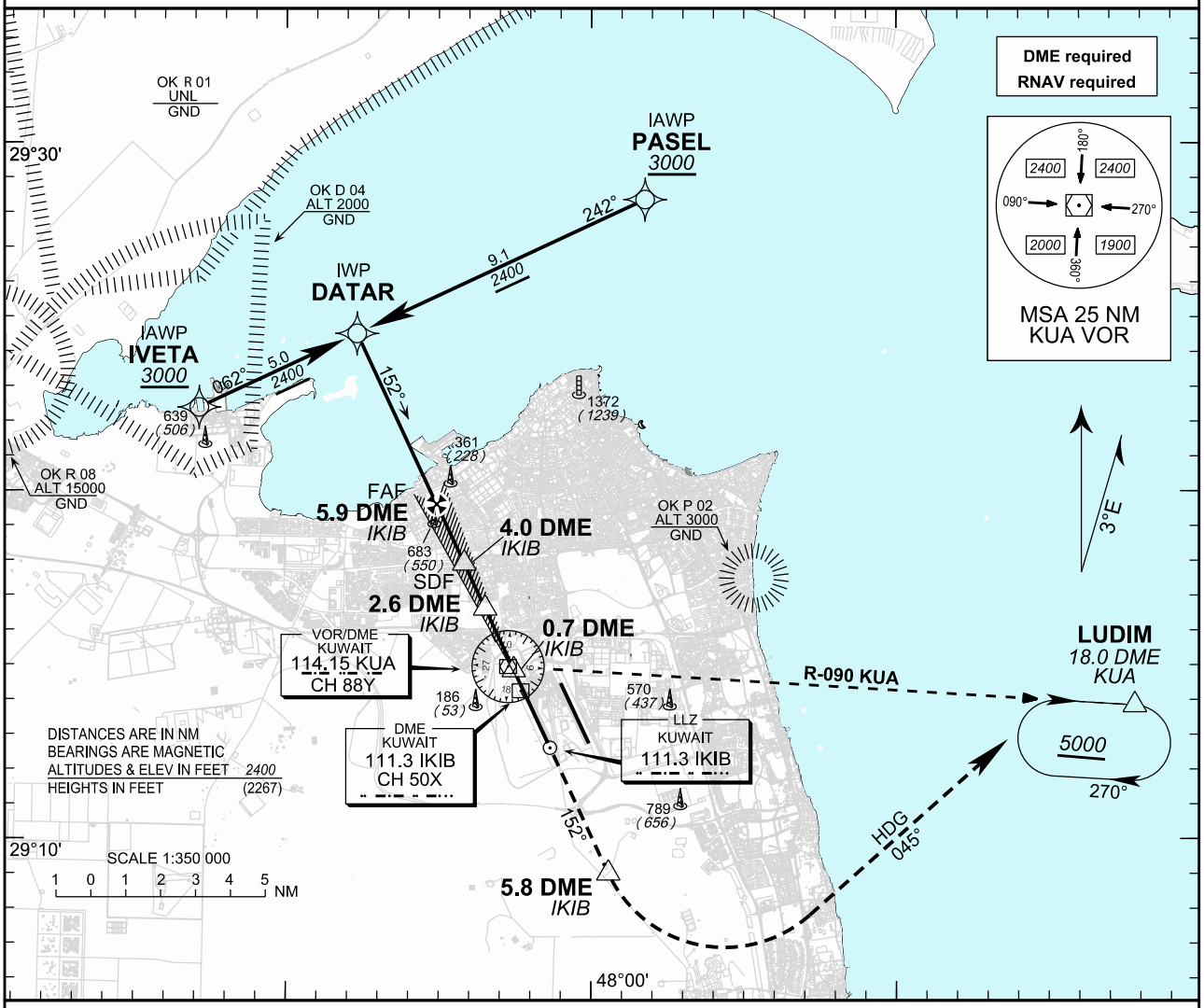
WAYPOINTS		DIST from DME(IKIB)	NM	1	2	3	4	5	6
		ALT QNH	FT	451	769	1088	1407	1725	2043
		Ground speed	KTS	60	80	100	120	140	160
		Rate of descent	FT/MIN	320	420	530	640	740	850

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 15R ELEV 133 FT

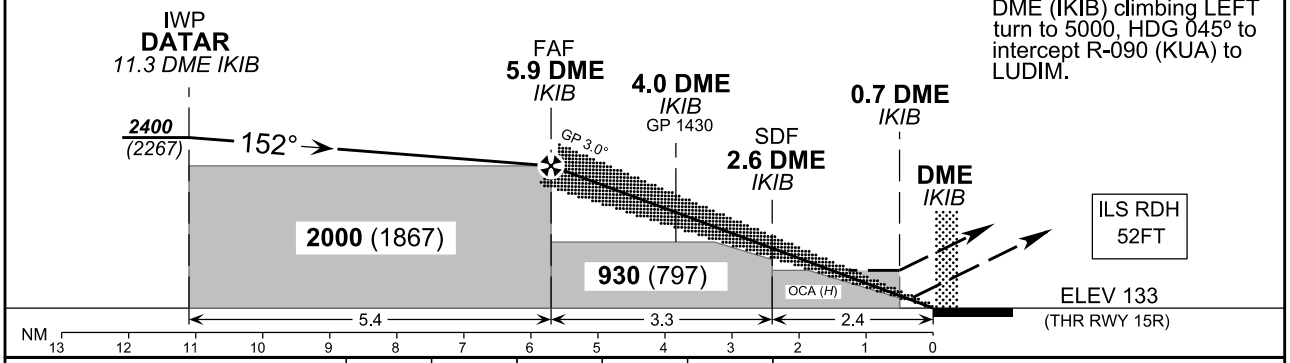
APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
ILS Y RWY 15R CAT I/II



Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb straight ahead, at 5.8 DME (IKIB) climbing LEFT turn to 5000, HDG 045º to intercept R-090 (KUA) to LUDIM.



OCA (H)		A	B	C	D	E
Straight-in Approach	CAT I	333 (200)				
	CAT II	233 (100)				
	GP INOP	530 (397)				
Circling (HAA)		730(526)	870 (666)	1190 (986)	1190 (986)	1290(1086)

MAX IAS 250 knots at and below 10,000.

WAYPOINTS	
PASEL	N29 28 22.5800 E048 01 45.7800
IVETA	N29 22 23.8400 E047 47 07.9600
DATAR	N29 24 31.2300 E047 52 19.0500

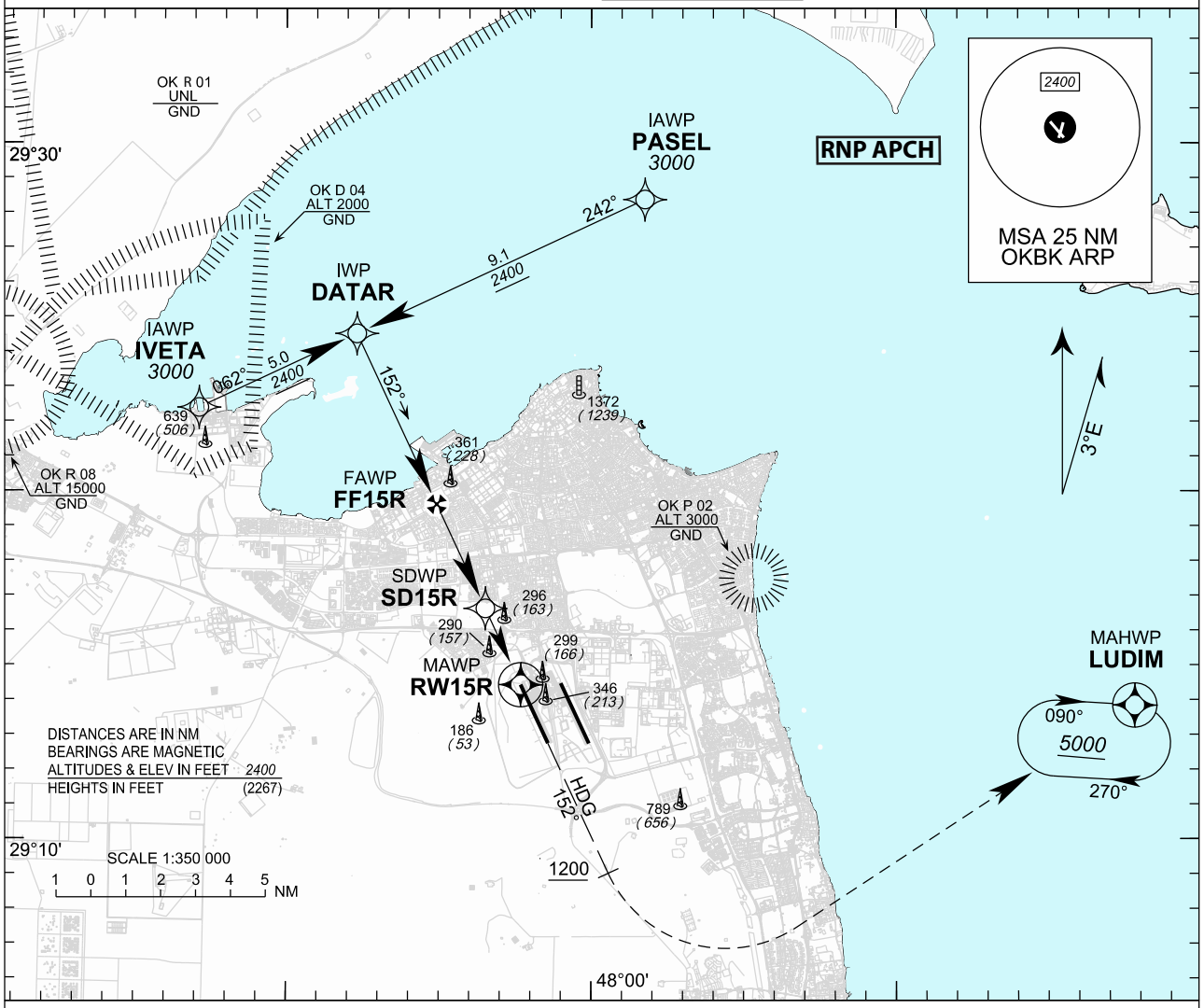
DIST from DME(IKIB)	NM	1	2	3	4	5	6
ALT QNH	FT	451	769	1088	1407	1725	2043
Ground speed	KTS	60	80	100	120	140	160
Rate of descent	FT/MIN	320	420	530	640	740	850

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 15R ELEV 133 FT

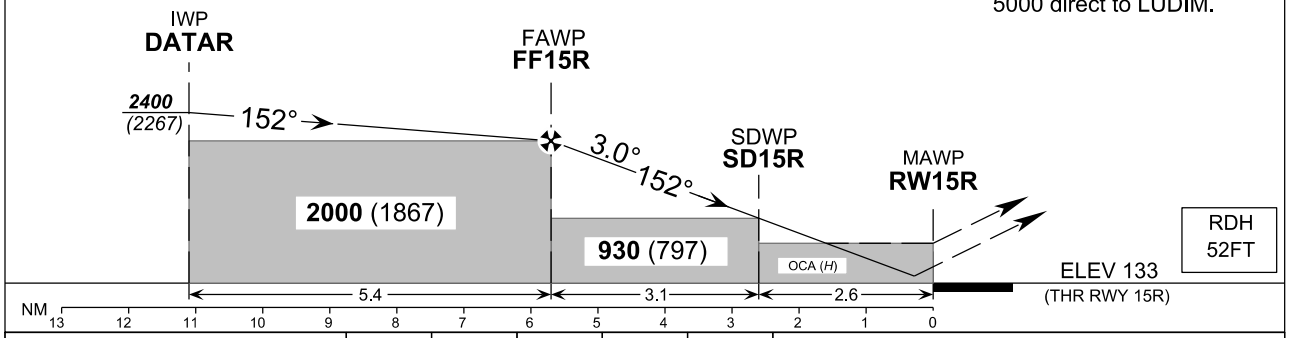
APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
RNP RWY 15R



Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb to 1200 HDG 152°, then climbing LEFT turn to 5000 direct to LUDIM.



OCA (H)		A	B	C	D	E
Straight-in Approach	LNAV	560 (427)				
Circling (HAA)		*730*(526)	*870* (666)	*1190* (986)	*1190* (986)	*1290*(1086)

MAX IAS 250 kt below 10,000.

WAYPOINTS

PASEL	N29 28 22.5800	E048 01 45.7800	
IVETA	N29 22 23.8400	E047 47 07.9600	
DATAR	N29 24 31.2300	E047 52 19.0500	
FF15R	N29 19 36.6859	E047 54 56.0922	
SD15R	N29 16 47.6245	E047 56 26.0882	
RW15R	N29 14 25.8858	E047 57 41.4688	
LUDIM	N29 13 50.8256	E048 17 48.9527	

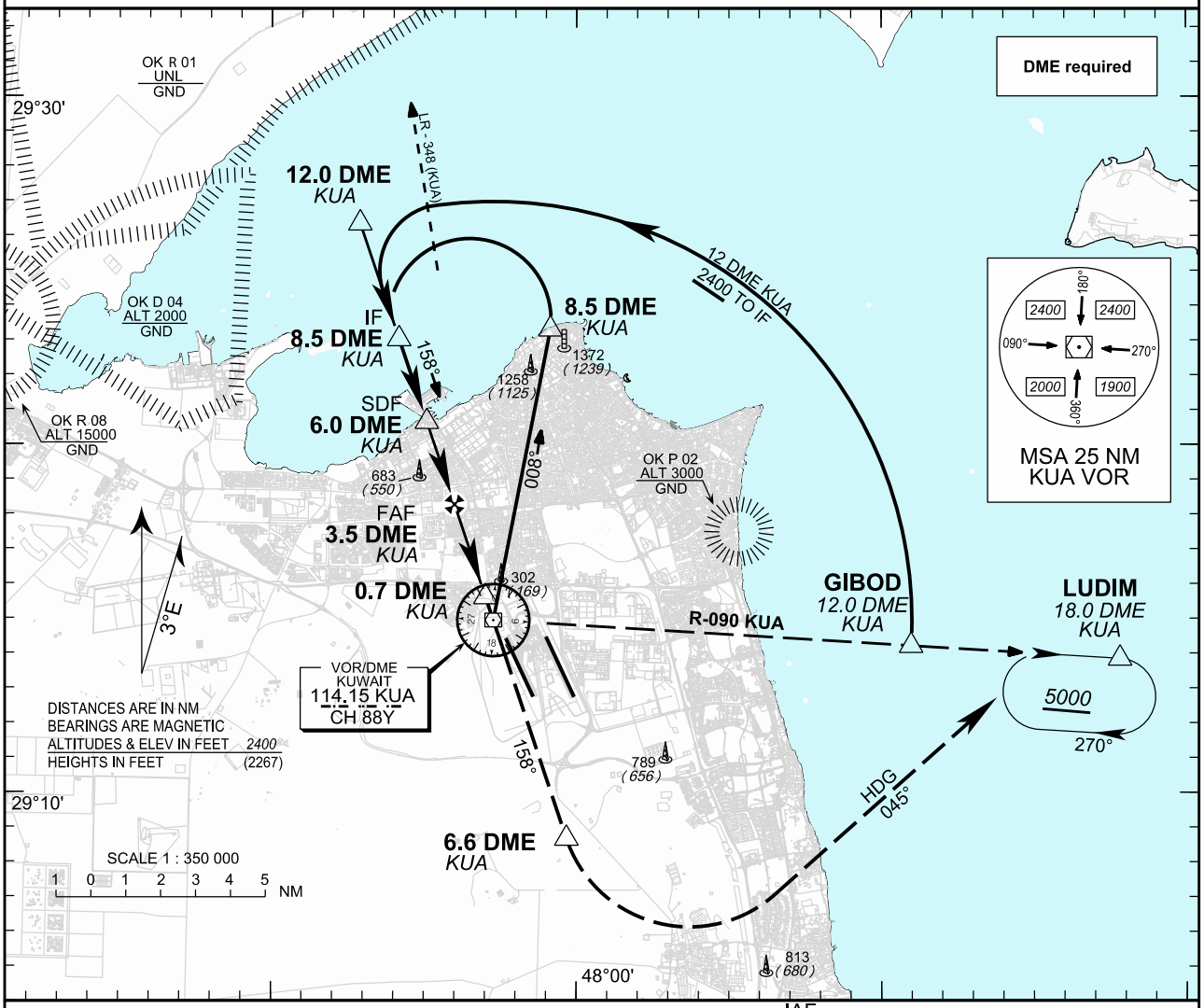
DIST from RW15R	NM	1	2	3	4	5	6
ALT QNH	FT	503	821	1140	1458	1777	2095
Ground speed	KTS	60	80	100	120	140	160
Rate of descent	FT/MIN	320	420	530	640	740	850

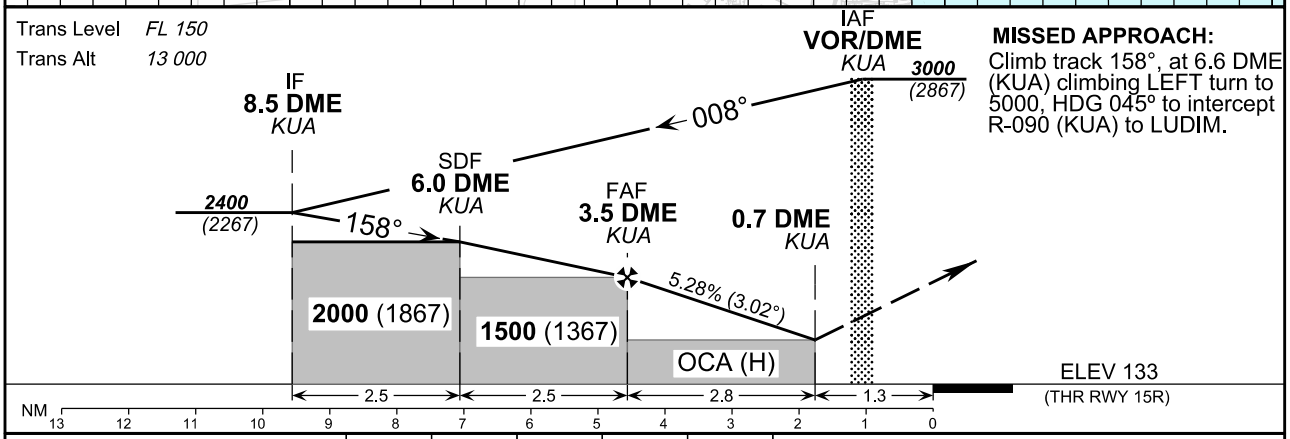
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 15R ELEV 133 FT

APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
VOR RWY 15R





MISSED APPROACH:
Climb track 158°, at 6.6 DME (KUA) climbing LEFT turn to 5000, HDG 045° to intercept R-090 (KUA) to LUDIM.

OCA (H)		A	B	C	D	E
Straight-in Approach	VOR/DME	***620*** (487)				
	-	-				
	-	-				
Circling (HAA)		***730*** (526)	***870*** (666)	***1190*** (986)	***1190*** (986)	***1290*** (1086)

MAX IAS 250 knots at and below 10,000.
Final approach course offset 6°.
Remain within 12 DME KUA.

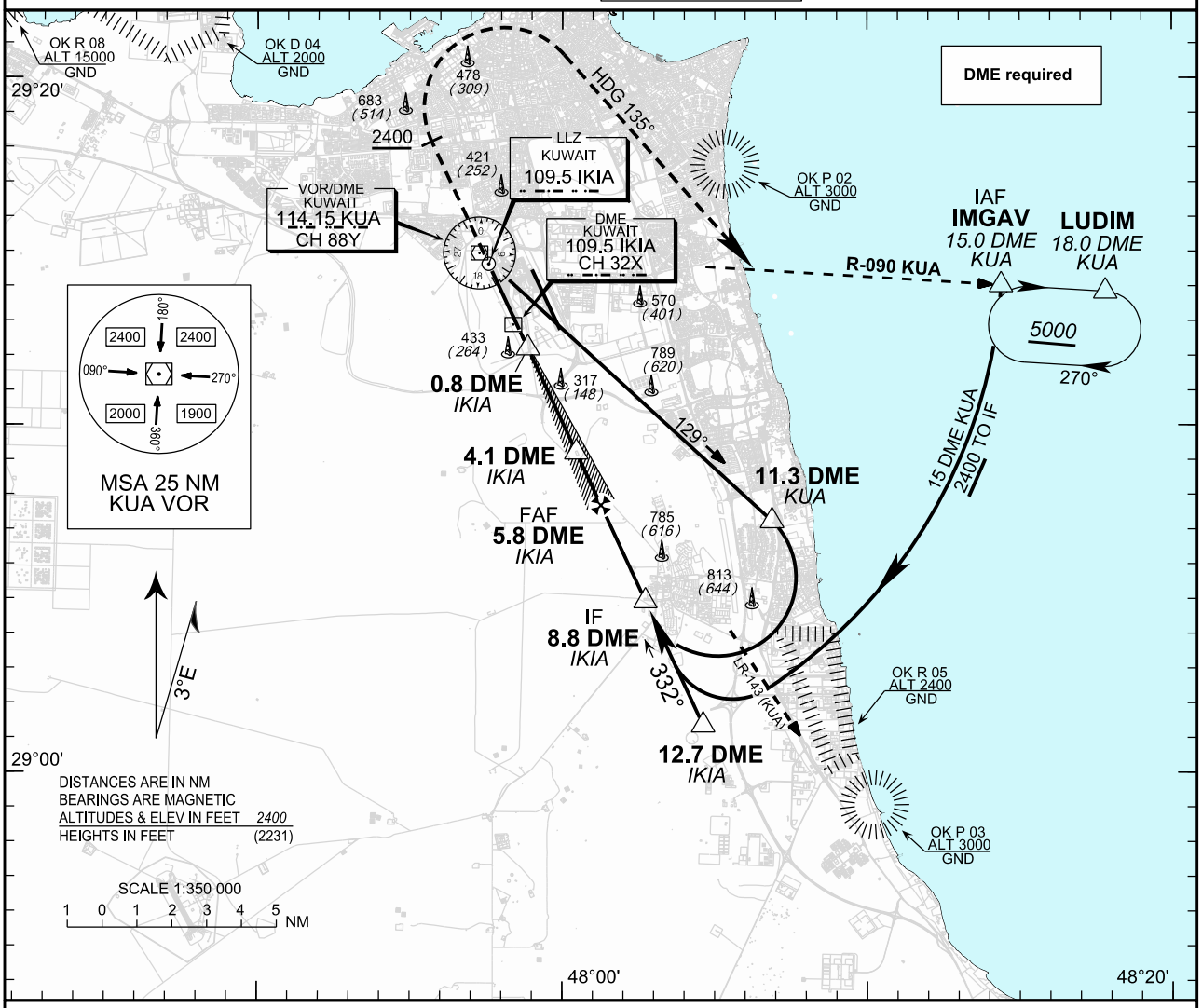
WAYPOINTS		DIST from DME (KUA)	NM	1	2	3	4	5	6
		ALT QNH	FT	698	1019	1339	1660	1981	2302
		Ground speed	KTS	60	80	100	120	140	160
		Rate of descent	FT/MIN	320	430	530	640	750	860

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 33L ELEV 169 FT

APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
ILS Z RWY 33L CAT I/II

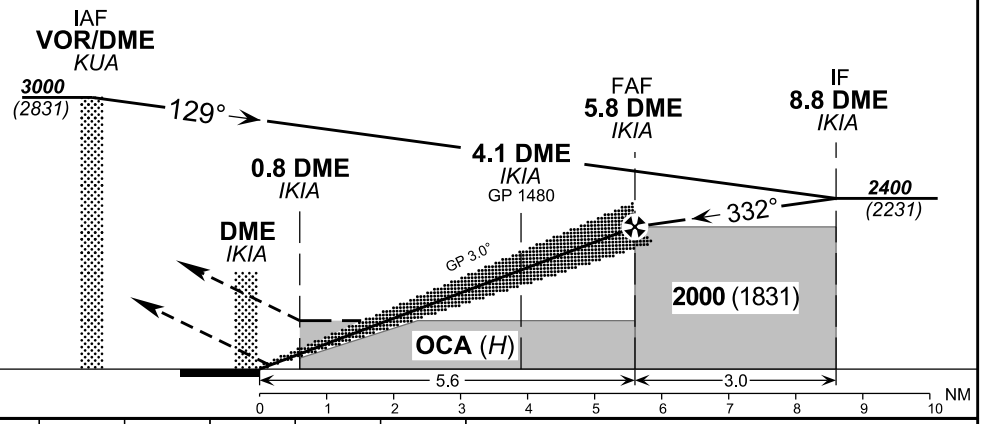


Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb straight ahead to 2400, climbing RIGHT turn to 5000, HDG 135° to intercept R-090 (KUA) to LUDIM.

ILS RDH
56FT

ELEV 169
(THR RWY 33L)



OCA (H)		A	B	C	D	E
Straight-in Approach	CAT I	369 (200)				
	CAT II	233 (64)				
	GP INOP	680 (511)				
Circling (HAA)		730 (526)	870 (666)	1190 (986)		1290 (1086)

MAX IAS 250 knots at and below 10,000.
Remain within 15 DME KUA.

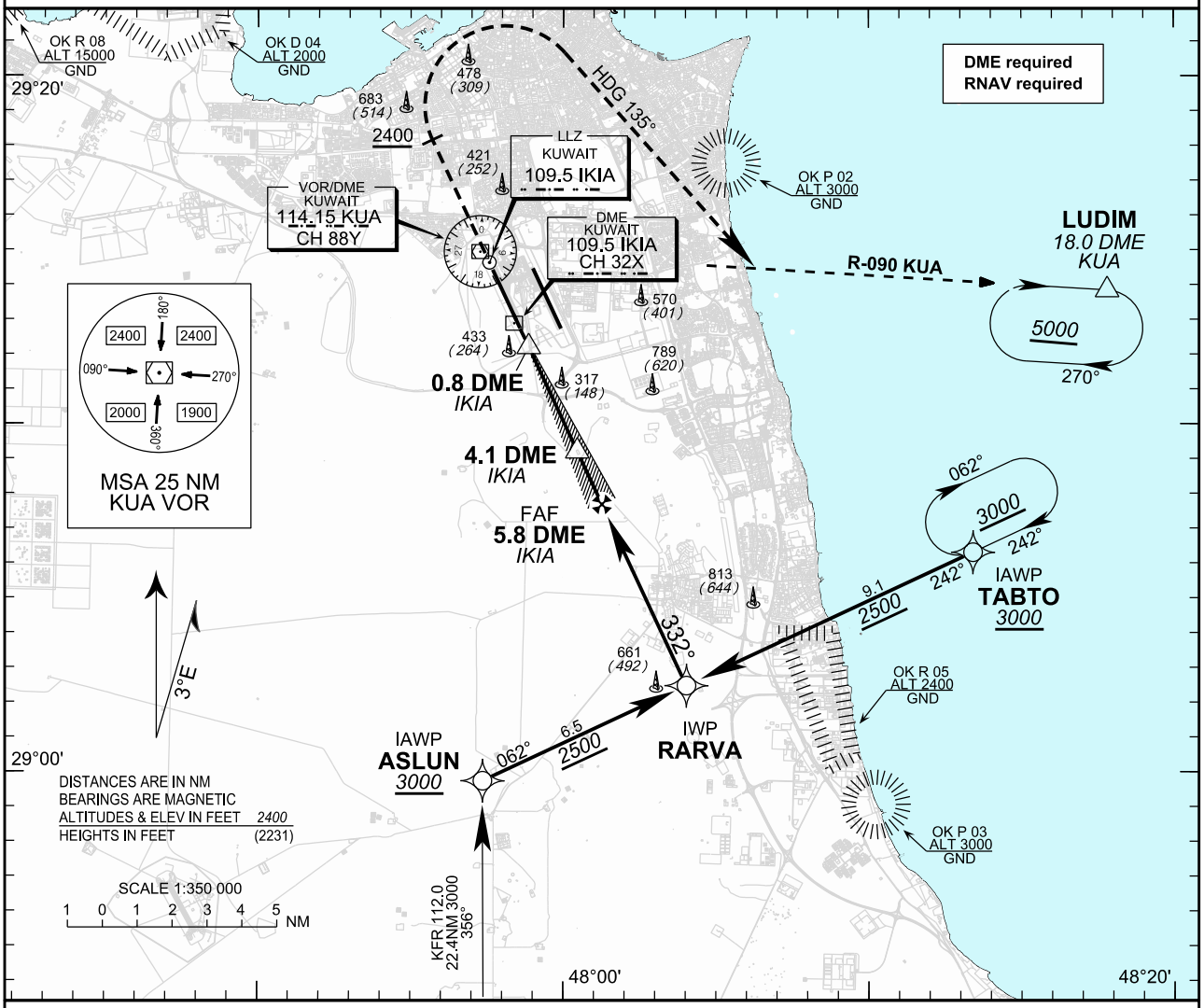
WAYPOINTS	DIST from DME (IKIA)	NM	1	2	3	4	5	6
	ALT QNH	FT	481	801	1119	1438	1756	2075
	Ground speed	KTS	60	80	100	120	140	160
	Rate of descent	FT/MIN	320	420	530	640	740	850

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 33L ELEV 169 FT

APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

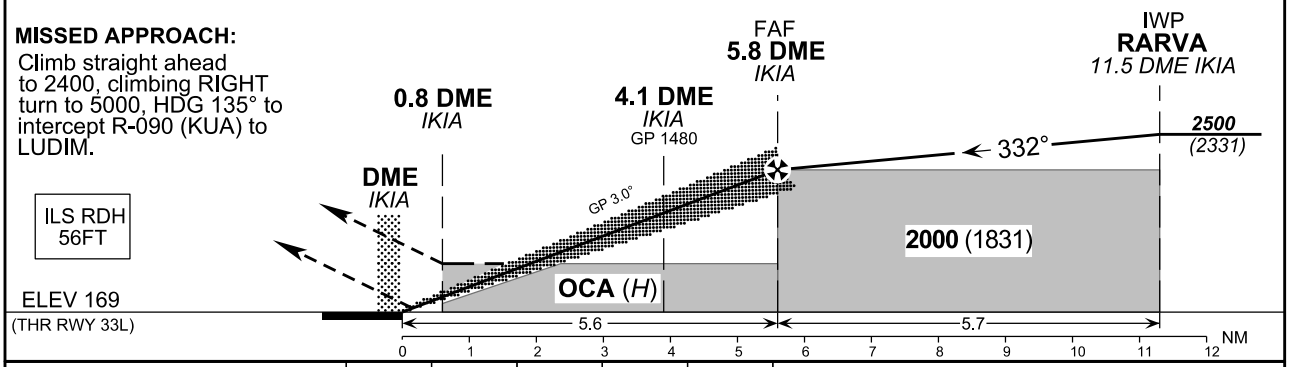
KUWAIT / Kuwait Intl
STATE OF KUWAIT
ILS Y RWY 33L CAT I/II



Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb straight ahead to 2400, climbing RIGHT turn to 5000, HDG 135° to intercept R-090 (KUA) to LUDIM.

ILS RDH
56FT



OCA (H)		A	B	C	D	E
Straight-in Approach	CAT I	369 (200)				
	CAT II	233 (64)				
	GP INOP	680 (511)				
Circling (HAA)		730 (526)	870 (666)	1190 (986)	1290 (1086)	

MAX IAS 250 knots at and below 10,000.

WAYPOINTS

KFR	N28 37 15.00	E047 57 29.00
ASLUN	N28 59 44.77	E047 57 21.71
TABTO	N29 06 18.92	E048 13 24.40
RARVA	N29 02 28.96	E048 04 01.77

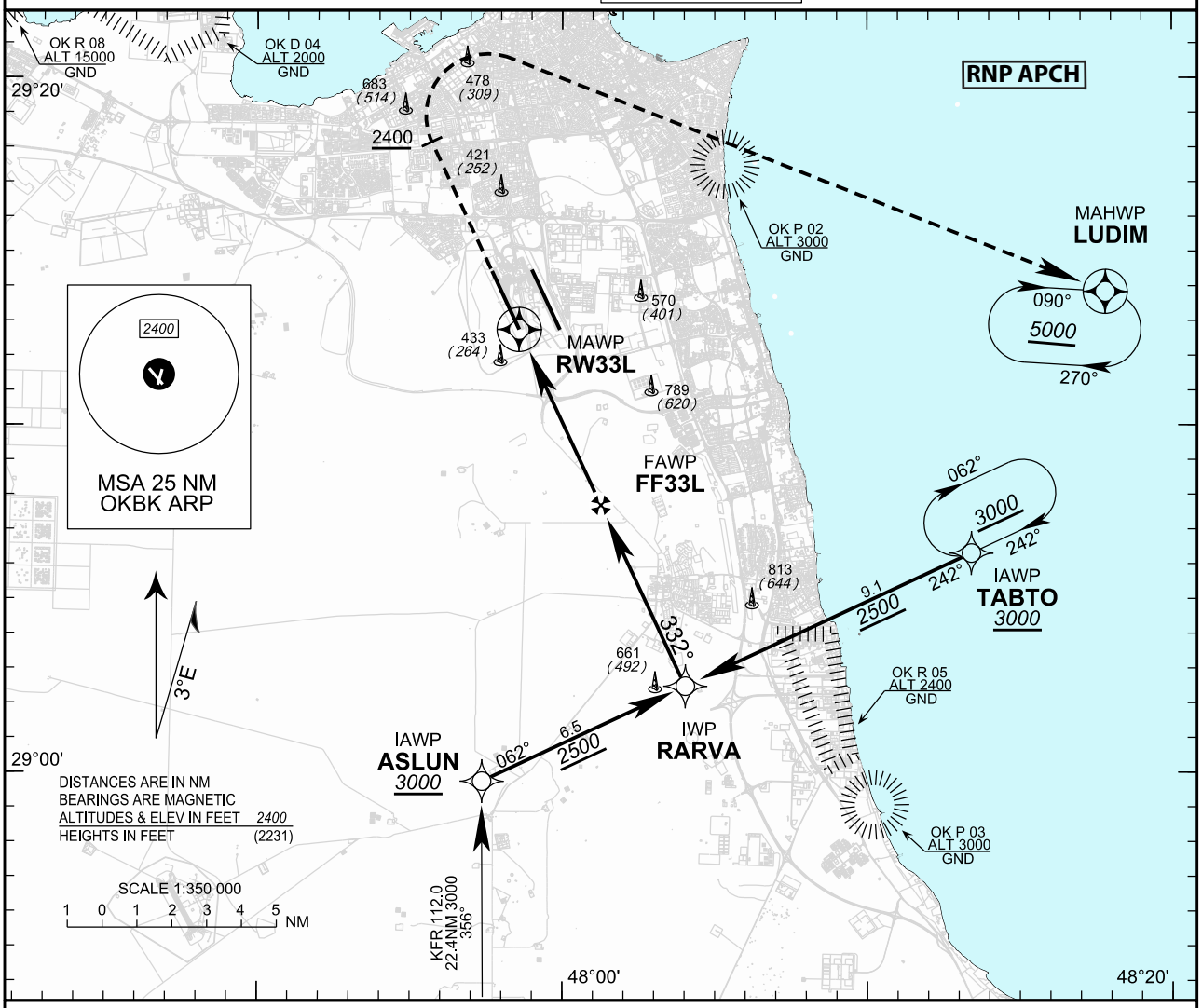
DIST from DME (IKIA)	NM	1	2	3	4	5	6
ALT QNH	FT	481	801	1119	1438	1756	2075
Ground speed	KTS	60	80	100	120	140	160
Rate of descent	FT/MIN	320	420	530	640	740	850

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 33L ELEV 169 FT

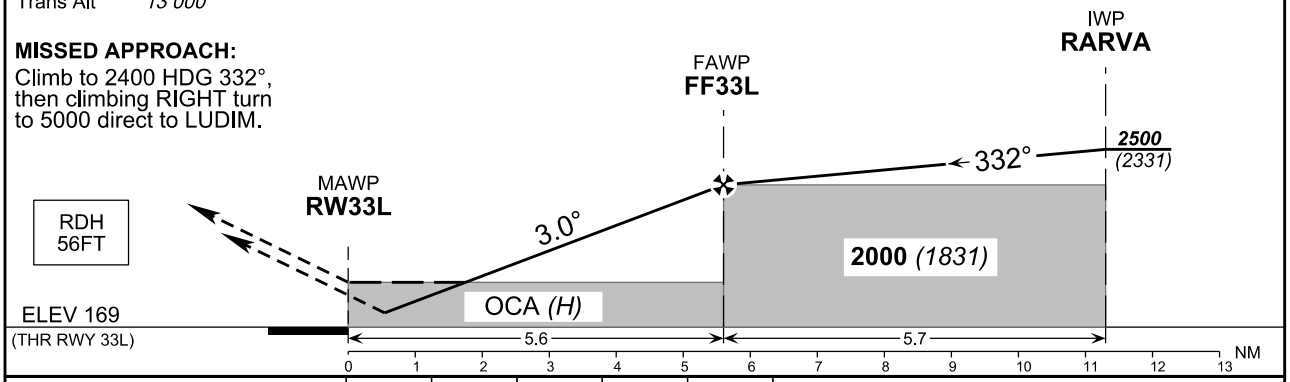
APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
RNP RWY 33L



Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb to 2400 HDG 332°, then climbing RIGHT turn to 5000 direct to LUDIM.



OCA (H)		A	B	C	D	E
Straight-in Approach	LNAV	**680** (511)				
Circling (HAA)		***730*** (526)	***870*** (666)	***1190*** (986)		***1290*** (1086)

MAX IAS 250 knots at and below 10,000.

WAYPOINTS					
KFR	N28 37 15.00	E047 57 29.00	FF33L	N29 07 41.51	E048 01 16.16
ASLUN	N28 59 44.77	E047 57 21.71	RW33L	N29 12 45.74	E047 58 34.69
TABTO	N29 06 18.92	E048 13 24.40	LUDIM	N29 13 50.83	E048 17 48.95
RARVA	N29 02 28.96	E048 04 01.77			

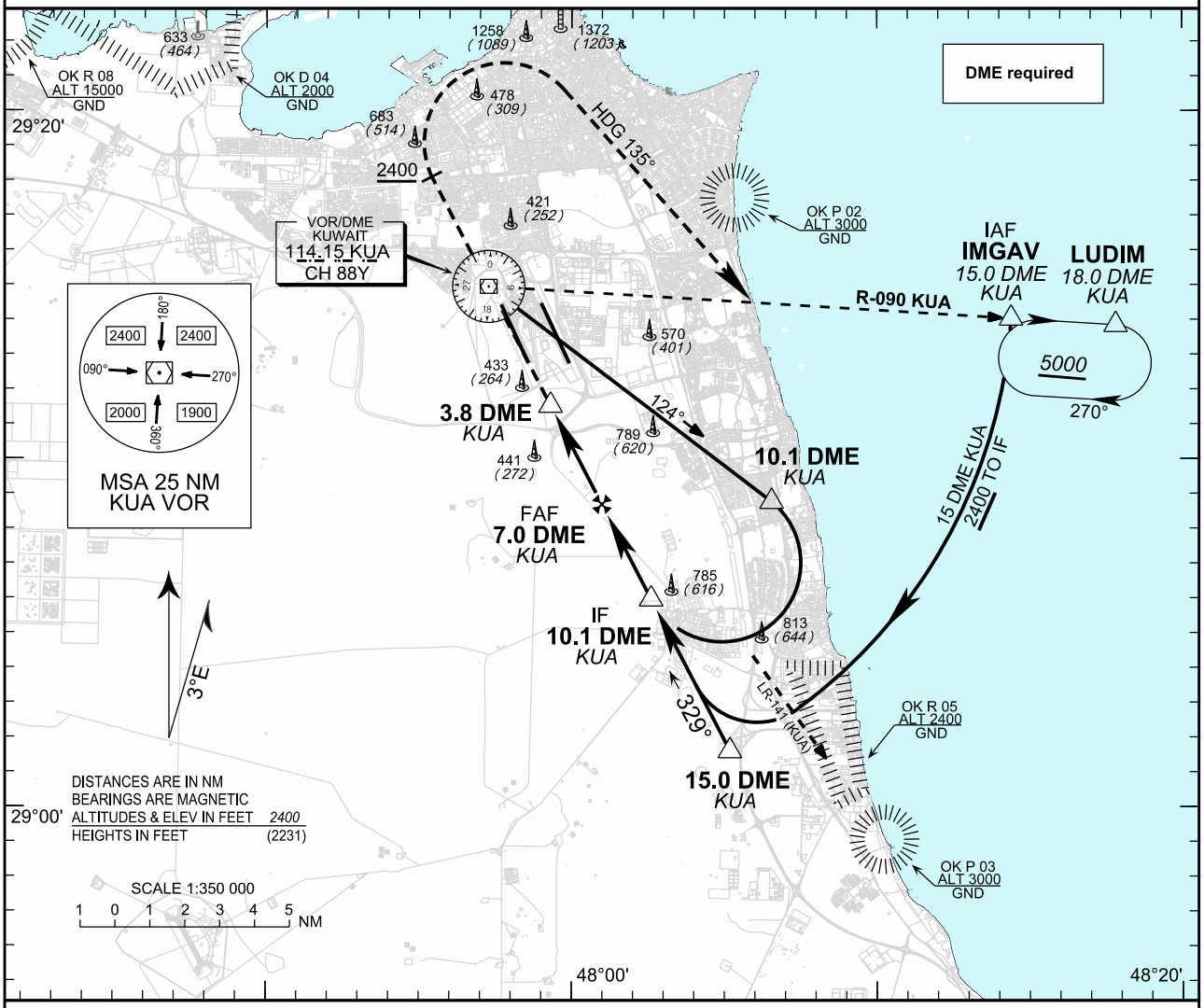
DIST from RW33L	NM	1	2	3	4	5	6
ALT QNH	FT	543	861	1180	1498	1816	2135
Ground speed	KTS	60	80	100	120	140	160
Rate of descent	FT/MIN	320	420	530	640	740	850

INSTRUMENT APPROACH CHART - ICAO

AD ELEV 205 FT
VAR 3° E
HEIGHTS RELATED TO THR RWY 33L ELEV 169 FT

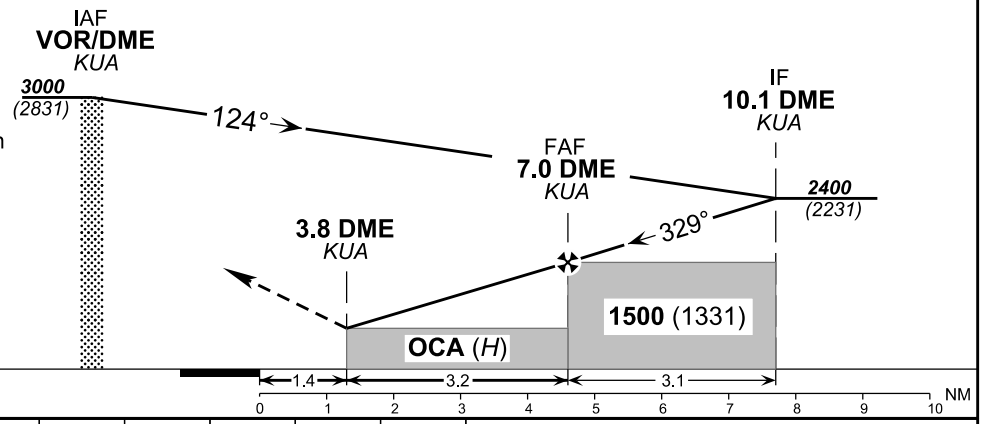
APP	124.800
TWR	118.300
GMC	121.700
ATIS	126.225
DEL	126.775

KUWAIT / Kuwait Intl
STATE OF KUWAIT
VOR RWY 33L



Trans Level *FL 150*
Trans Alt *13 000*

MISSED APPROACH:
Climb straight ahead to 2400, climbing RIGHT turn to 5000, HDG 135° to intercept R-090 (KUA) to LUDIM.



OCA (H)		A	B	C	D	E
Straight-in Approach	VOR/DME	***660*** (491)				
	-	-				
	-	-				
Circling (HAA)		***730*** (526)	***870*** (666)	***1190*** (986)		***1290*** (1086)

MAX IAS 250 knots at and below 10,000.
Remain within 15 DME KUA.

WAYPOINTS	DIST from DME (KUA)	NM	3.8	5	6	7	8	9
	ALT QNH	FT	660	1028	1346	1665	1983	2302
	Ground speed	KTS	60	80	100	120	140	160
	Rate of descent (3°)	FT/MIN	320	420	530	630	740	840