

Ministry of Defence
Military Aviation Authority the Netherlands
Airports and Airspace division
PO Box 20701
2500 ES Den Haag
MPC 58H

Rijswijk, 24 Feb 2022

AIRAC AMENDMENT 04/22

EFFECTIVE DATE 21 APR 22

to the Military Aeronautical Information Publication
(vs 83-6100-004; pub. Nr. 010701)

1. The following changes to the MilAIP Netherlands have to be incorporated:

a. Handamendment:

None.

b. Page changes:

Remove old	Insert new	Remove old	Insert new	Remove old	Insert new
GEN 0.4-1	GEN 0.4-1	EHDL 2-3	EHDL 2-3	EHWO 2-14	EHWO 2-14
GEN 0.4-4	GEN 0.4-4	UP TO	UP TO	EHWO 2-17	EHWO 2-17
GEN 0.4-6	GEN 0.4-6	EHDL 2-7	EHDL 2-7		
		EHDL 2-11	EHDL 2-11		
		EHDL 2-13	EHDL 2-13		
		EHDL 2-14	EHDL 2-14		

2. After completion:

a. destroy obsolete pages;

b. insert letter of promulgation before page GEN 0;

c. record the incorporation of this amendment on page GEN 0.2-1.

3. The following MIL NOTAM are incorporated:

Military Aviation Authority NLD
In order H-ALL

W.E.W. Jacobsen
Lt Colonel

GEN 0.4 CHECKLIST OF MiAIP PAGES

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PART 1 - GENERAL (GEN)			GEN 1			2.2-6	12 NOV 2015
						2.3-1	27 JAN 2022
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			1.1-2	12 NOV 2015		2.4-1	30 JAN 2020
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			1.8-2	12 NOV 2015		3.5-9	07 DEC 2017
ENR 1			1.9-1	30 JAN 2020		3.5-10	07 DEC 2017
1.1-1	30 JAN 2020		1.9-2	12 OCT 2017		3.5-11	30 JAN 2020
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			5.2-13	22 APR 2021		6.1-4	30 MAR 2017
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			5.2-15	17 JUN 2021		6.1-6	07 NOV 2019
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4.1-5	28 JAN 2021		5.2-20	30 JAN 2020		6.1-11	07 NOV 2019
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			5.2-22	25 MAR 2021		6.1-13	07 NOV 2019
ENR 5			5.2-23	30 JAN 2020		6.1-14	07 NOV 2019
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			EHEH 2-9	17 JUN 2021		EHGR 2-9	04 NOV 2021
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EHGR 2-17	03 DEC 2020		EHKD 2-23	15 JUL 2021		EHLW 2-23	24 FEB 2022
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EHGR 2-22	03 DEC 2020					EHLW 2-28	24 FEB 2022
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EHKD 2-14	24 FEB 2022		EHLW 2-14	24 FEB 2022		EHVK 2-2	12 NOV 2015
EHKD 2-15	04 NOV 2021		EHLW 2-15	25 FEB 2021		EHVK 2-3	28 JAN 2021
EHKD 2-16	15 JUL 2021		EHLW 2-16	25 FEB 2021		EHVK 2-4	28 JAN 2021
EHKD 2-17	24 FEB 2022		EHLW 2-17	24 FEB 2022		EHVK 2-5	12 AUG 2021
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EHKD 2-19	30 DEC 2021		EHLW 2-19	24 FEB 2022		EHVK 2-7	30 DEC 2021

EHVK 2-8	05 NOV 2020		EHWO 2-16	30 DEC 2021		
EHVK 2-9	30 DEC 2021		EHWO 2-17	21 APR 2022		
EHVK 2-10	15 SEP 2016		EHWO 2-18	30 DEC 2021		
EHVK 2-11	30 DEC 2021		EHWO 2-19	30 DEC 2021		
EHVK 2-12	03 DEC 2020		EHWO 2-20	28 JAN 2021		
EHVK 2-13	03 DEC 2020					
EHVK 2-14	03 DEC 2020					
EHVK 2-15	03 DEC 2020					
EHVK 2-16	03 DEC 2020					
EHVK 2-17	20 MAY 2021					
EHVK 2-18	03 DEC 2020					
EHVK 2-19	03 DEC 2020					
EHVK 2-20	09 SEP 2021					
EHVK 2-21	09 SEP 2021					
EHVK 2-22	05 NOV 2020					
EHWO 2-1	27 JAN 2022					
EHWO 2-2	28 JAN 2021					
EHWO 2-3	20 MAY 2021					
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EHWO 2-6	28 JAN 2021					
EHWO 2-7	28 JAN 2021					
EHWO 2-8	28 JAN 2021					
EHWO 2-9	28 JAN 2021					
EHWO 2-10	28 JAN 2021					
EHWO 2-11	30 DEC 2021					
EHWO 2-12	30 DEC 2021					
EHWO 2-13	30 DEC 2021					
EHWO 2-14	21 APR 2022					
EHWO 2-15	30 DEC 2021					

EHDL AD 2.11 Meteorological information provided

1	Associated MET Office	Joint MET Group
2	Hours of service MET Office outside hours	0700/1500 (0600/1400) Joint MET Group
3	Office responsible for TAF preparation Periods of validity	Joint MET Group 9 HRS
4	Type of landing forecast Interval of issuance	Colourstate trend Hourly
5	Flight documentation Language(s) used	Charts, abbreviated plain language text English/Dutch
6	Charts and other information AVBL for briefing or consultation	SWC, prognostic upper air chart, radar satellite images
7	Supplementary equipment AVBL for providing information	Nil
8	Remarks	Tel. Joint MET Group: +31(0)164 693111

EHDL AD 2.12 Runway physical characteristics

1	RWY dimensions/a-gear	See Aerodrome Chart. Values in ft.
2	RWY surface	Tarmac/concrete
3	RWY strength	LCN 30 (PCN not AVBL)

EHDL AD 2.13 Declared distances

See Aerodrome Chart. Values in ft.

EHDL AD 2.14 Approach and runway lighting

According to STANAG 3316		
1	Approach lighting	RWY 19: CAT I. 783 m RWY 01: Nil
2	RWY lighting	RWY 19 VHI/VCL, RWY 01 VHI
3	Remarks	Nil

EHDL AD 2.15 Other lighting, secondary power supply

1	LDI	Nil
2	TWY edge lighting	Nil
3	Emergency RWY lighting	Nil
4	Emergency TWY edge lighting	Nil
5	Secondary power supply/switch-over	AVBL, switch over time 15 seconds
6	Remarks	Nil

EHDL AD 2.16 Helicopter landing area

1	Location	Helisquare (STANAG 3619) is situated at the beginning of RWY19. Four helisquares (non-STANAG) are situated in main grass area east of RWY 19/01. See Aerodrome Chart
2	Marking	Daylight marking
3	Lighting	Yes, according STANAG 3652 (except two)
4	Remarks	Nil

EHDL AD 2.17 Air traffic services airspace

1	Designation and lateral limits	Deelen control zone 52°09'57.93"N 005°50'23.30"E; 52°12'05.96"N 005°51'26.74"E; 52°10'20.78"N 006°00'46.06"E; 52°08'12.82"N 005°59'42.21"E; along clockwise arc (radius 6.5 NM, centre 52°03'35.02"N 005°52'18.97"E) to 51°57'12.08"N 005°54'14.21"E; 51°55'03.92"N 005°53'10.91"E; 51°56'48.76"N 005°43'54.59"E; 51°58'56.70"N 005°44'57.34"E; along clockwise arc (radius 6.5 NM, centre 52°03'35.02"N 005°52'18.97"E) to point of origin.
2	Vertical limits	GND to 3000 ft AMSL
3	Airspace classification	D
4	ATS unit call sign Language(s)	Contact initially Deelen TWR. English
5	Transition altitude	IFR: 3000 ft AMSL; VFR: 3500 ft AMSL
6	Remarks	Nil

EHDL AD 2.18 Air traffic services communication facilities

STATION/ SERVICE	CALL SIGN OR IDENTIFICATION	FREQUENCY MHz	HOURS	REMARKS
1	2	3	4	5
	As appropriate	121.500 243.000	HO	Emergency FREQ for all services
TWR	Deelen Tower	129.930 ^{*)} 122.100 ^{**)} 312.400 ^{*)} 257.800 ^{**)}	HO	^{*)} Primary FREQ ^{**)} O/R
APP	RAPCON West	123.580 399.725	HO	Radar equipped

EHDL AD 2.19 Radio navigation and landing aids

FACILITY	ID	CHANNEL FREQ.	HOURS	CO-ORD.	RANGE/ ALTITUDE	REMARKS
1	2	3	4	5	6	7
TACAN	DLN	CH 59X	H24	52°03'26.45"N 005°52'21.47"E	40 NM/25000 ft	FREQ protected
ILS19 LOCAL- IZER	DNS	108.700	H24	52°02'45.383"N 005°51'54.422"E		
GLIDE- PATH		330.500	H24	52°04'02.944"N 005°52'27.312"E		ILS-antenna 201ft AMSL
DME 19	DNS	CH 24X	H24	52°04'02.944"N 005°52'27.312"E		Situated on Glidepath 20. One direction only.

EHDL AD 2.20 Local traffic regulations

Glider- and Light ACFT flying

Glidersite Terlet is located within the Deelen CTR/RMZ. Daily SR/SS the areas Terlet-A, Terlet-B, Terlet-C and Terlet-D (see Local map) can be activated. Intensive gliderflying may be expected during activation of these areas.

EHDL AD 2.21 Noise abatement procedures

To be developed.

EHDL AD 2.22 Flight procedures

IFR procedures

The IAP and SID procedures are established in accordance with the 'Criteria for the preparation of Instrument Approach and Departure Procedures (APATC-1)'.

VFR procedures

APPROACH PROCEDURES:

HEL are to approach at 750 ft via one of the following IPs:	
IP Woeste Hoeve (WH)	PSN approx. 3 NM north-east of the AD
IP West:	PSN approx. 2 NM south-west of the AD
IP East:	PSN along road Apeldoorn-Arnhem, 1 NM north of intersection with motorway A-50.

DEPARTURE PROCEDURES:
Departure depending on intentions as directed by ATC.

REPORTING POINTS:

IP WH:	52°06,04.20"N 005°57'07.20"E
IP West:	52°02'09.00"N 005°48'56.40"E
IP East:	52°01'48.60"N 005°55'44.40"E

CIRCUIT PROCEDURES:
Circuit altitude 750 ft AMSL, direction 19 L/H, 01 R/H, 13 L/H, 31 R/H, 07 L/H and 25 R/H

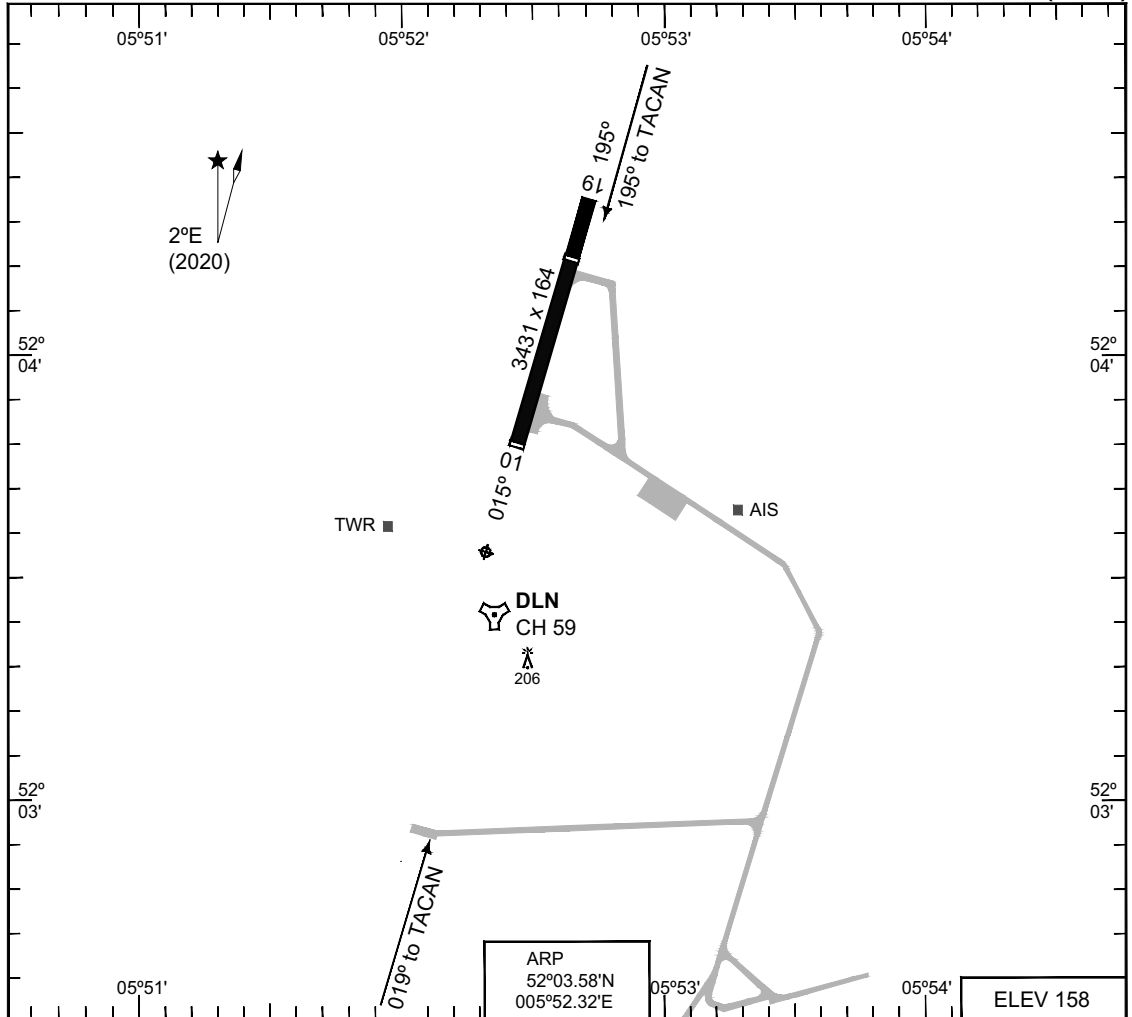
EHDL AD 2.23 Additional information

Approach control through Rapcon West.

EHDL AD 2.24 Charts related to an aerodrome

Aerodrome Chart	EHDL AD 2-7
Local map	EHDL AD 2-8
MVA chart	EHDL AD 2-9
Instrument approach chart TACAN RWY 01	EHDL AD 2-11
Instrument approach chart Copter TACAN 019	EHDL AD 2-12
Instrument approach chart ILS or LOC RWY 19	EHDL AD 2-13
Instrument approach chart TACAN RWY 19	EHDL AD 2-14
Instrument approach chart Copter TACAN 195	EHDL AD 2-15

MIPS AERODROME CHART DEELEN (EHDL)

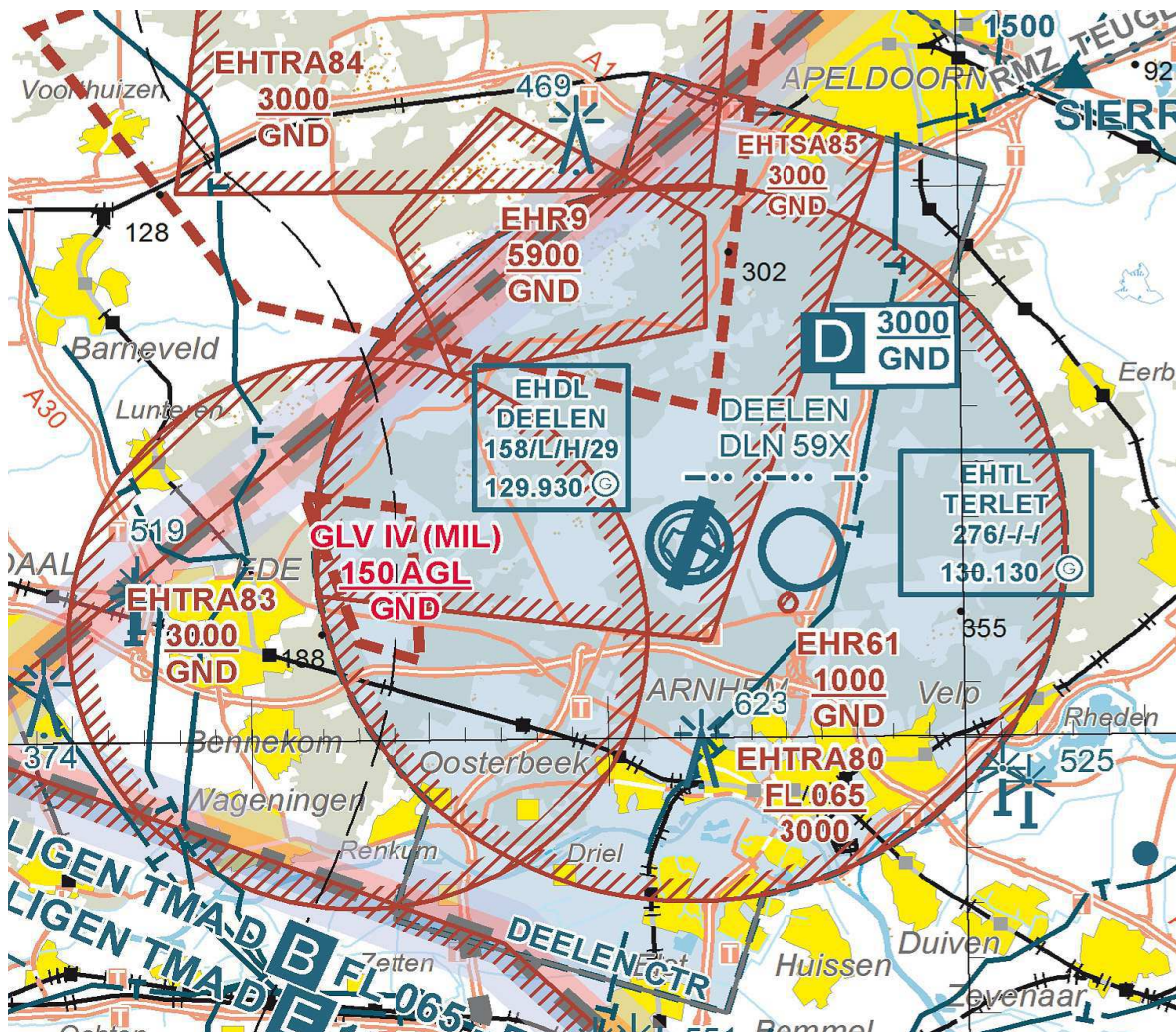


RWY	LCN	TORA	ASDA	TODA	LDA				THR ELEV	THR PSN
19	30	3431	3431	3431	2536				158	52°04.20'N 005°52.62'E
01	30	3431	3431	3431	3411				151	52°03.81'N 005°52.43'E

DEELEN TWR	312.400	129.930
RAPCON WEST	399.725	123.580

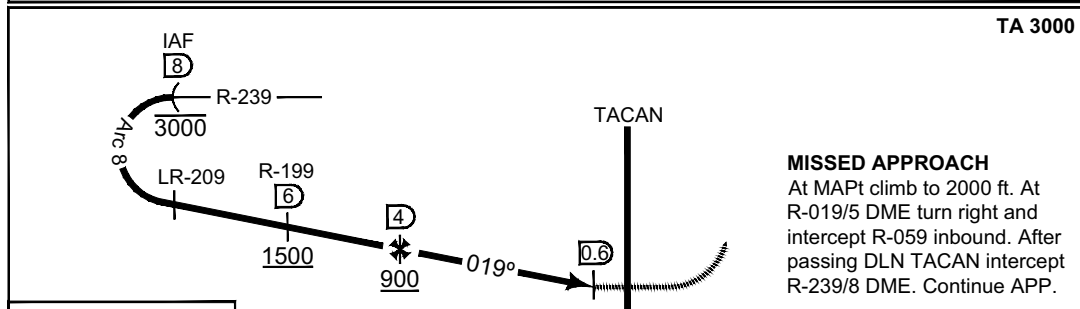
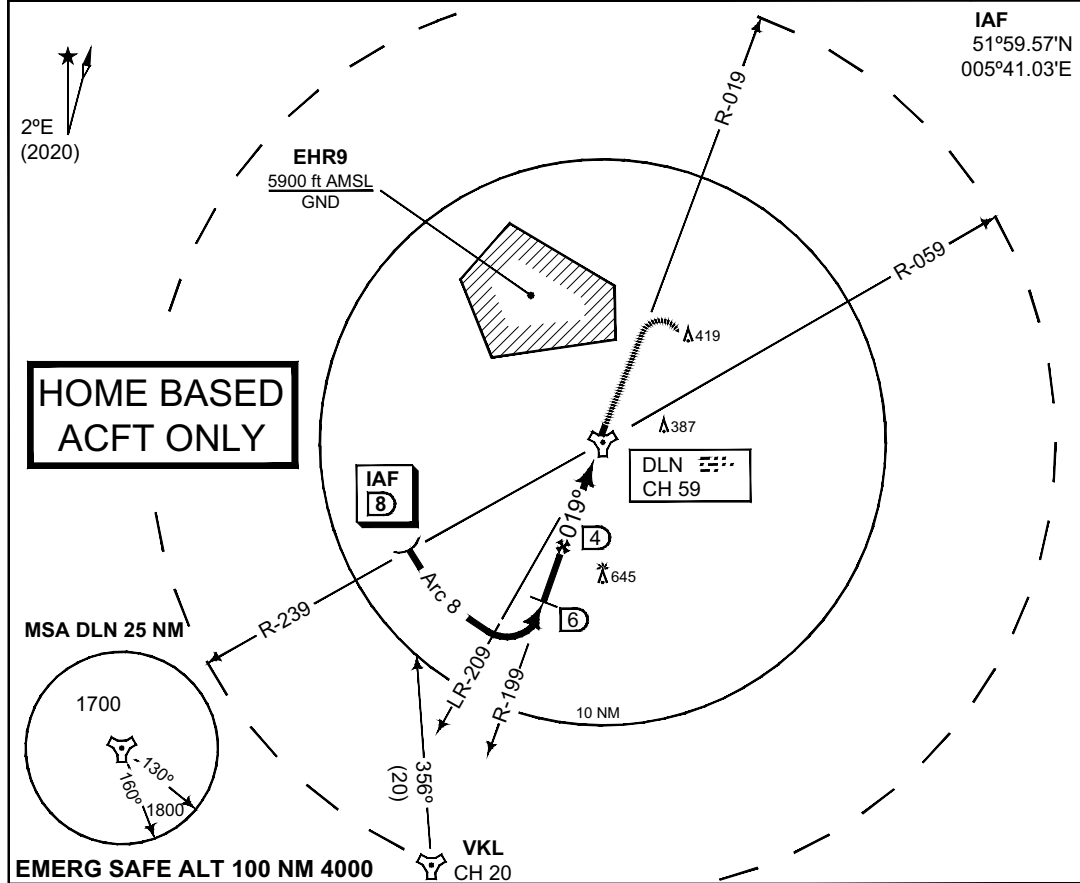
	PROC. CRITERIA	RWY	GS	TCH	OTCH	RPI	CAT	MINIMA CRITERIA	MINIMA
CHANGES: RWY DIRECTION, TDZE INTO THR ELEV									
RNLAf 21 APR 2022									

LOCAL MAP



MIPS INSTRUMENT APPROACH CHART **TACAN RWY 01 DEELEN (EHDL)**

DUTCH MIL 259.250 128.355		RAPCON WEST 399.725 123.580		DEELEN TWR 312.400 129.930			
TACAN DLN CH 59	APP COURSE 019°	FAF ALT 900 FT	Descent GR	MDA 520	THR ELEV 151	ALS -	LDA 3411 FT



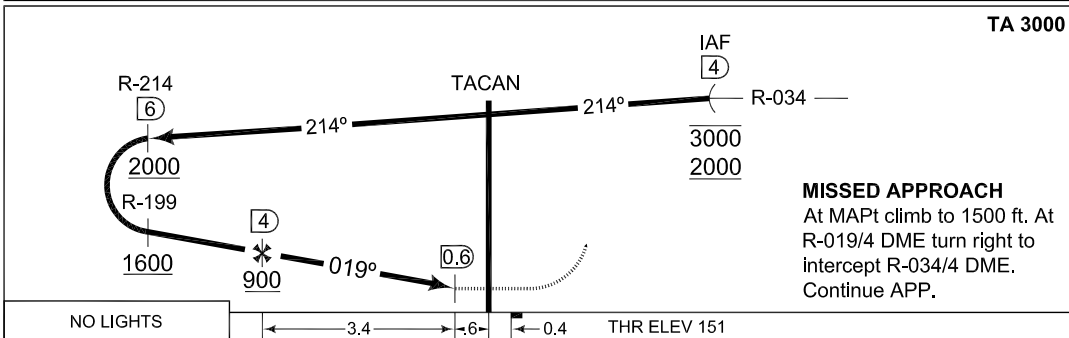
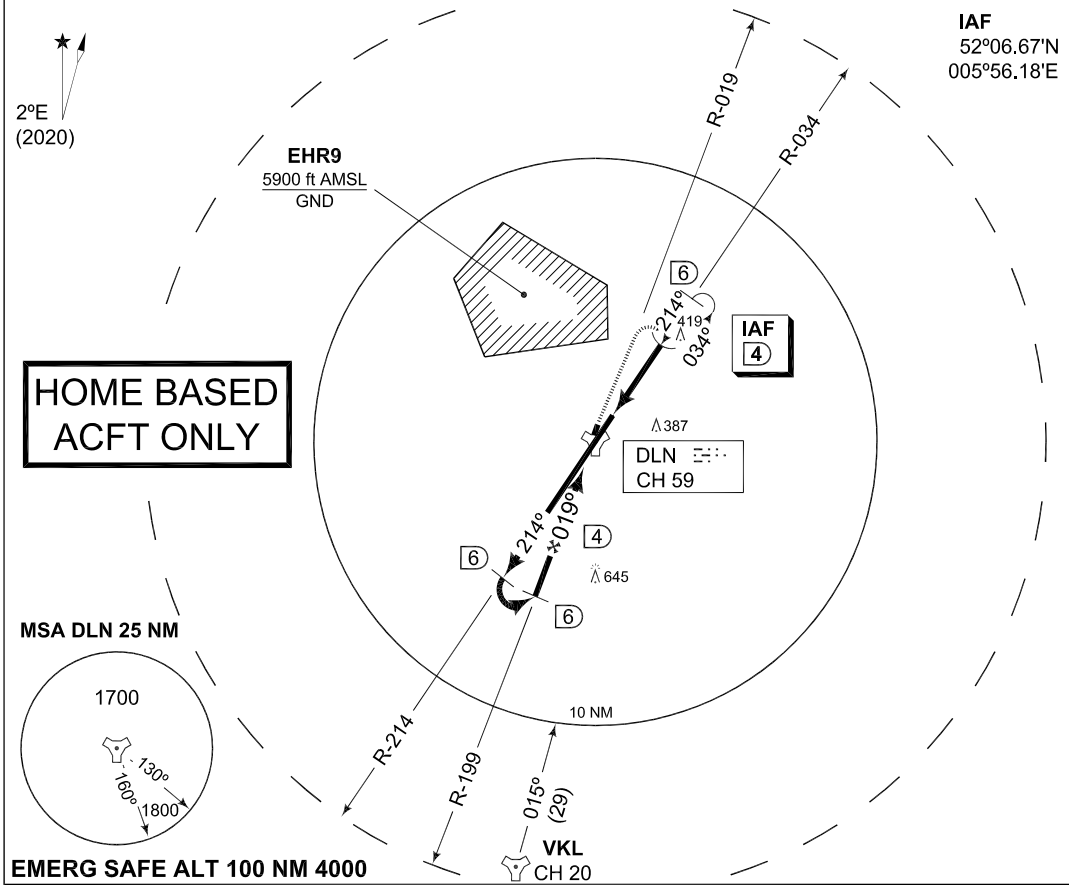
NO LIGHTS 3.4 1.6 0.4 THR ELEV 151

	CATEGORY	COPTER	A	B	C
MIPS	S-TACAN 01	520 -800 349 (400-0.8/0.8)	520 -1700 369 (400-1.7/1.7)		
	CIRCLING	NOT AUTHORIZED			

MIPS INSTRUMENT APPROACH CHART **COPTER TACAN 019 DEELEN (EHDL)**

AD ELEV 158

DUTCH MIL 259.250 128.355		RAPCON WEST 399.725 123.580		DEELEN TWR 312.400 129.930			
TACAN DLN CH 59	APP COURSE 019°	FAF ALT 900 FT	Descent GR	MDA 520	THR ELEV 151	ALS -	LDA 3411 FT

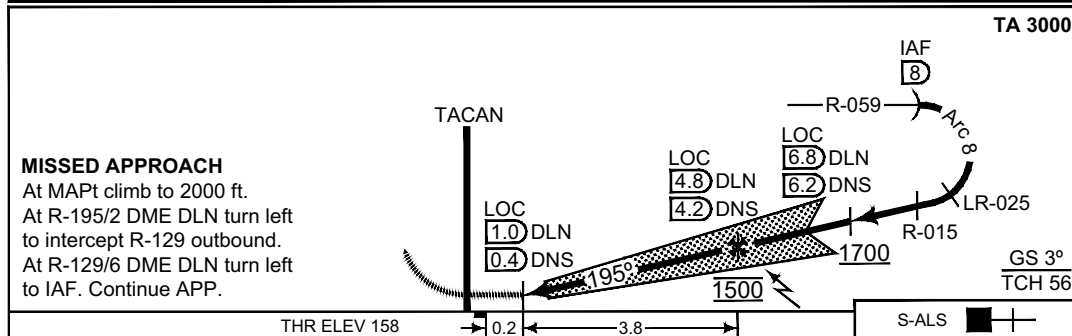
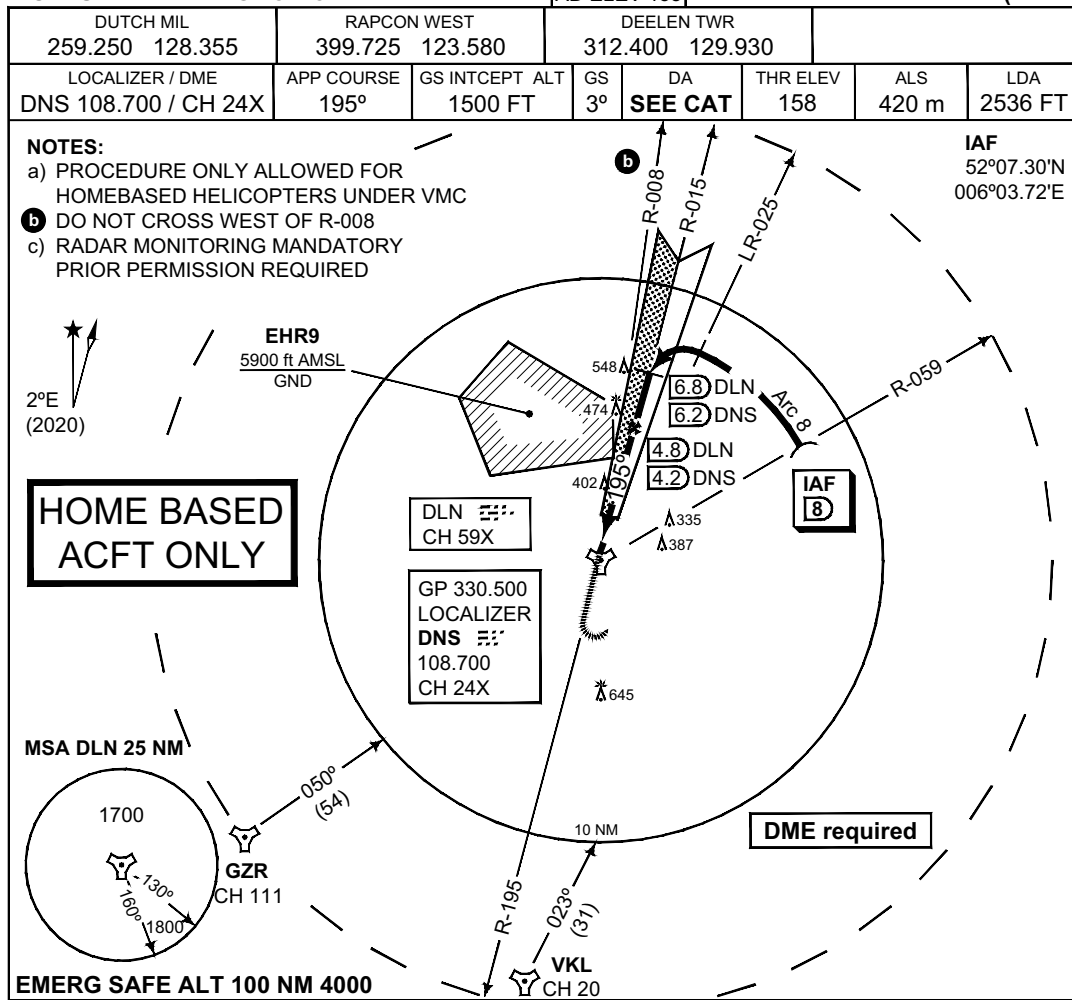


CATEGORY	COPTER
S-TACAN 019	500 -800 349 (400-0.8)
CIRCLING	NOT AUTHORIZED

CHANGES: HOME BASED ACFT ONLY

RNLAF 24 FEB 2022

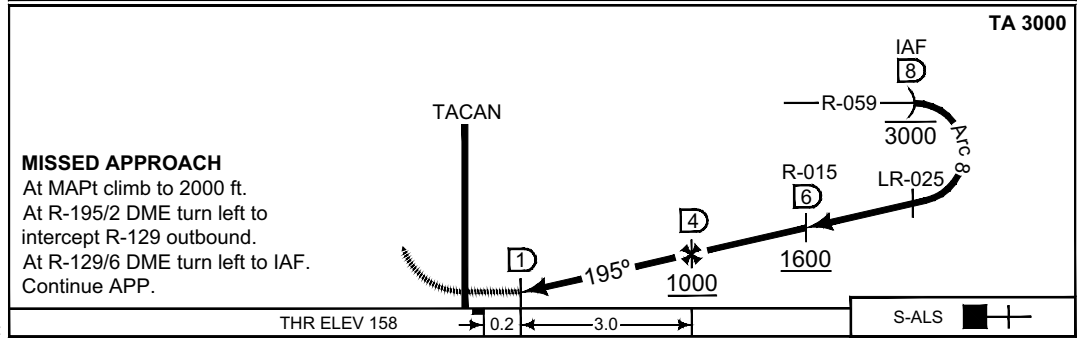
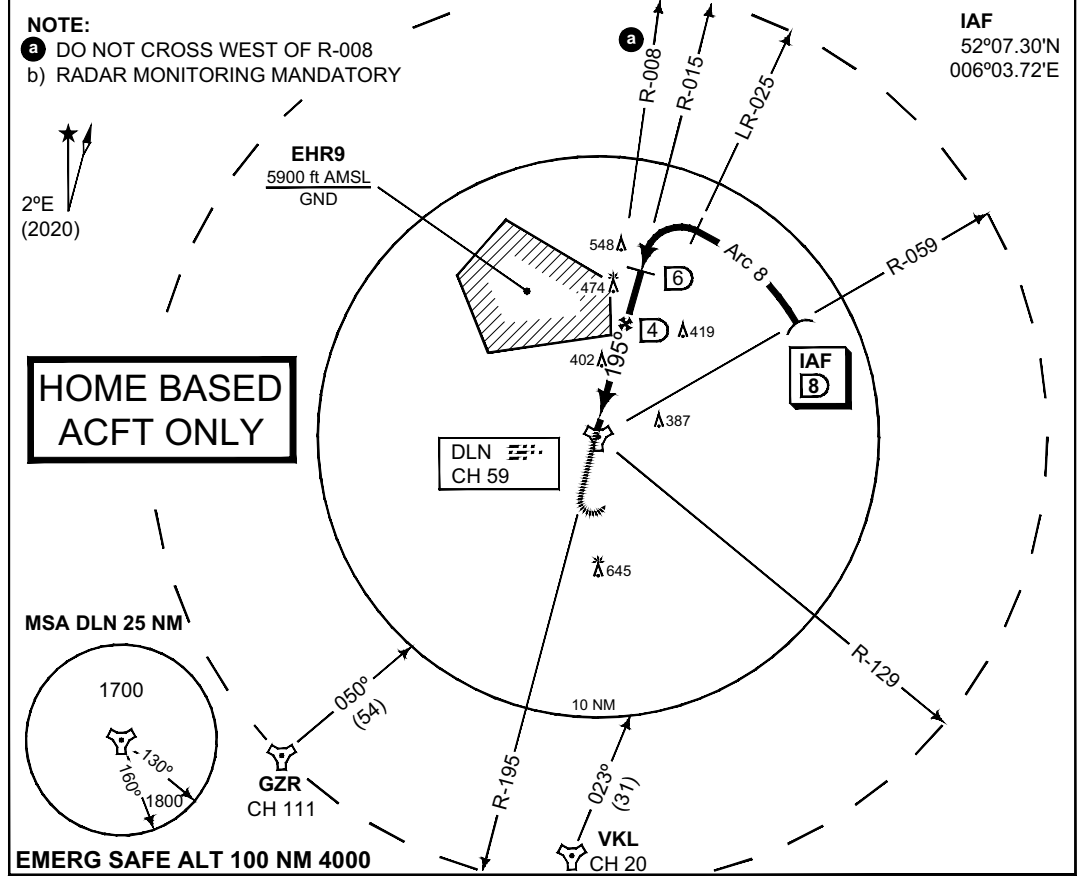
MIPS INSTRUMENT APPROACH CHART **ILS or LOC RWY 19 DEELEN (EHDL)**



CATEGORY	THR ELEV 158			
	COPTER	A	B	C
S-ILS 19	382 -400 224 (300-0.4/0.8)	398 -800 240 (300-0.8/1.2)	408 -800 250 (300-0.8/1.3)	418 -800 260 (300-0.8/1.3)
S-LOC 19	640 -400 482 (500-0.4/0.8)	640 -1800 482 (500-1.8/2.3)		
CIRCLING	NOT AUTHORIZED			

MIPS INSTRUMENT APPROACH CHART **TACAN RWY 19 DEELEN (EHDL)**

DUTCH MIL 259.250 128.355		RAPCON WEST 399.725 123.580		DEELEN TWR 312.400 129.930			
TACAN DLN CH 59	APP COURSE 195°	FAF ALT 1000 FT	Descent GR	MDA 650	THR ELEV 158	ALS 420 m	LDA 2536 FT



CHANGES: RWY DIRECTION	CATEGORY	COPTER	A	B	C
	S-TACAN 19	650 -400 492 (500-0.4/0.8)	650 -1800 492 (500-1.8/2.3)		
	CIRCLING	NOT AUTHORIZED			

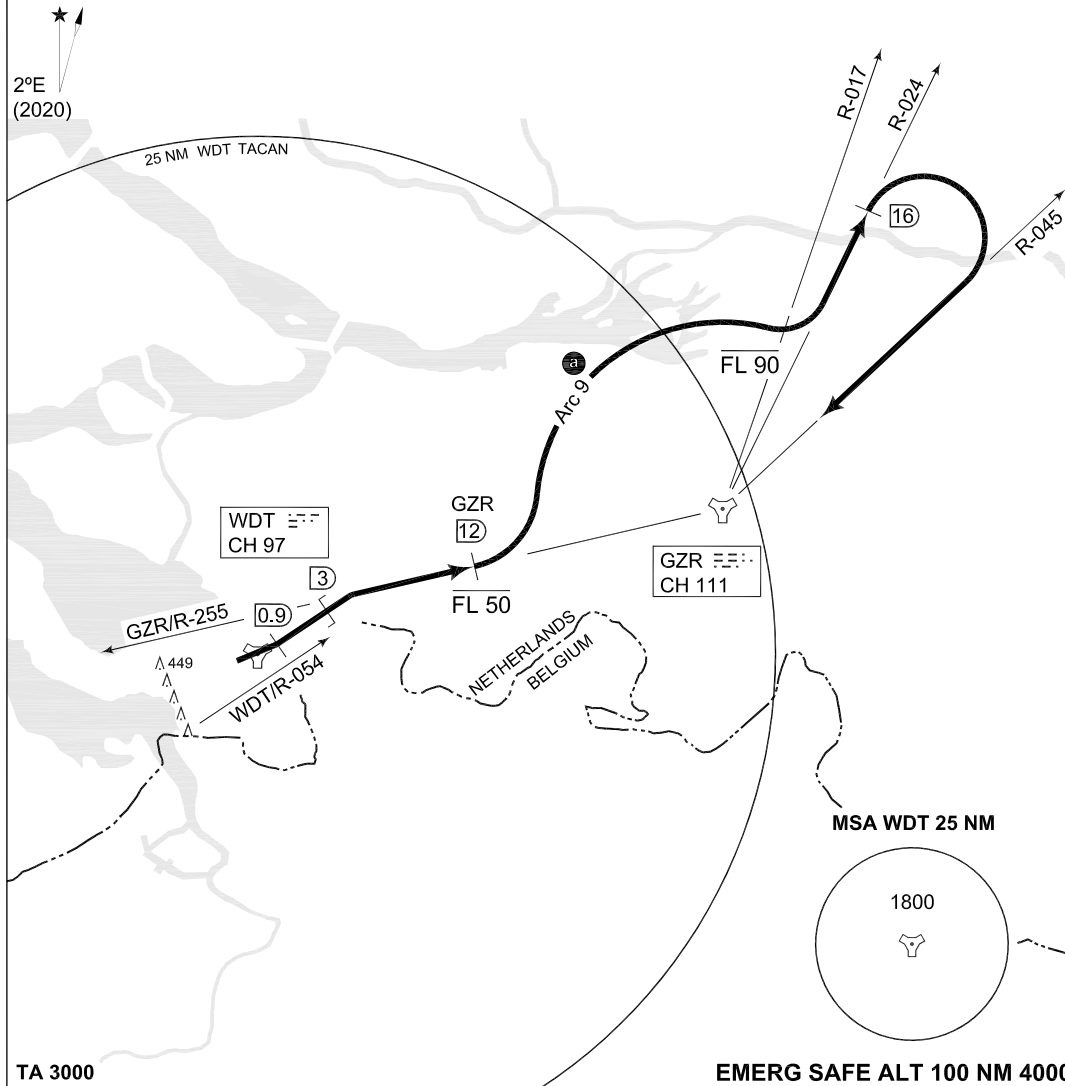
RNLAF 21 APR 2022

MIPS INSTRUMENT DEPARTURE CHART **WO3 WOENS DRECHT (EHWO)**

GND CTL 356.875 121.680	WOENS DRECHT TWR 339.000 120.430	RAPCON WEST 399.725 123.580	DUTCH MIL 336.325 125.930
		AD ELEV 63	

NOTE:

ⓐ WHEN IN ARC 9, DO NOT EXCEED 10 DME



WOENS DRECHT 3 (RWY 07)

- At 0.9 DME turn left to intercept WDT R-054 outbound.
- At 3 DME intercept GZR R-255 inbound, level off at FL 90.
- At GZR R-255/12 DME climb to FL 90.
- Turn left to intercept Arc 9. ⓐ
- Intercept GZR R-024 outbound, when crossing GZR R-017 continue climb.
- At 16 DME turn right to intercept R-045 inbound.

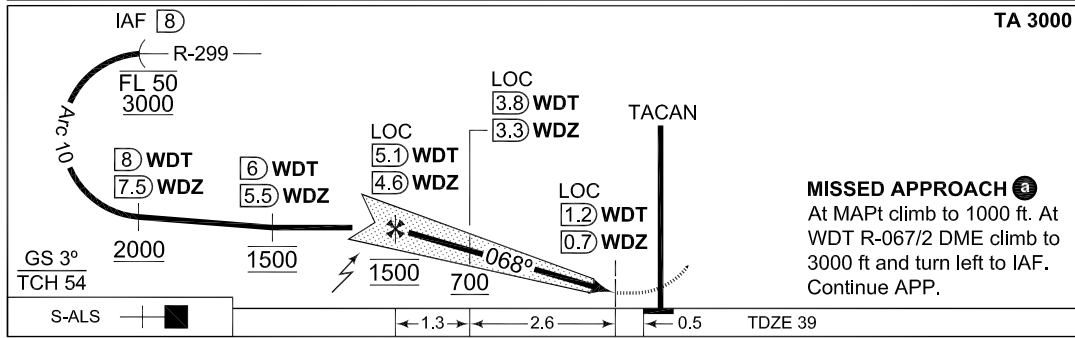
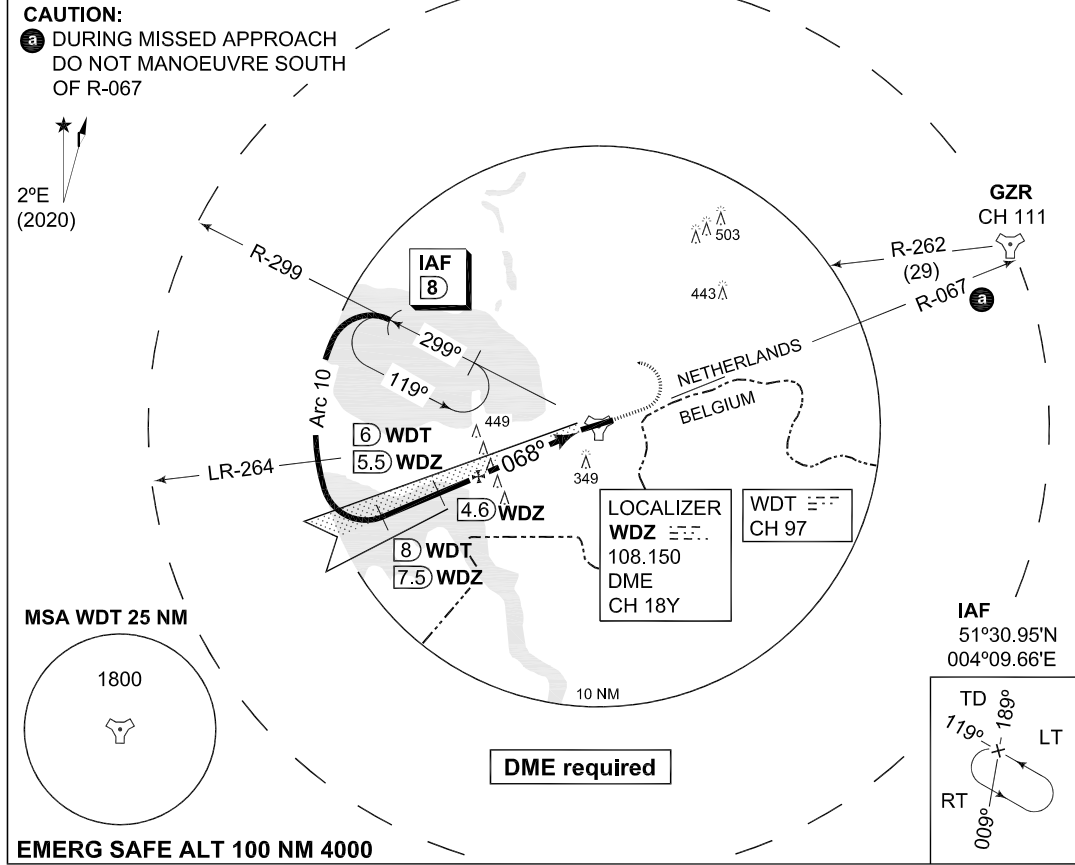
NOTE: Departure will be controlled by Rapcon West.

CHANGES: MSA

RNLAF 30 DEC 2021

MIPS INSTRUMENT APPROACH CHART **ILS or LOC RWY 07 WOENSDRECHT (EHWO)**

DUTCH MIL 336.325 125.930		RAPCON WEST 399.725 123.580		WOENSDRECHT TWR 339.000 120.430		GND 356.875 121.680			
TACAN / LOCALIZER / DME WDT CH 97 / WDT 108.150 / CH 18 Y			APP COURSE 068°	GS INTCP ALT 1500 FT	GS 3°	DA SEE CAT	TDZE 39	ALS 420 m	LDA 8014 FT



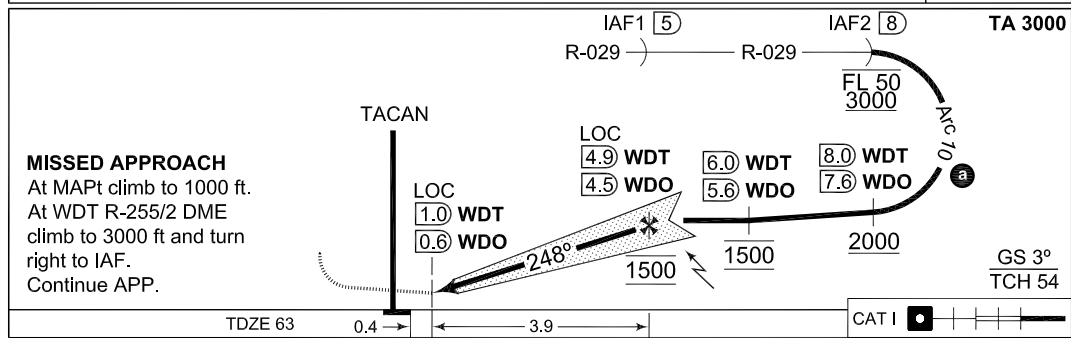
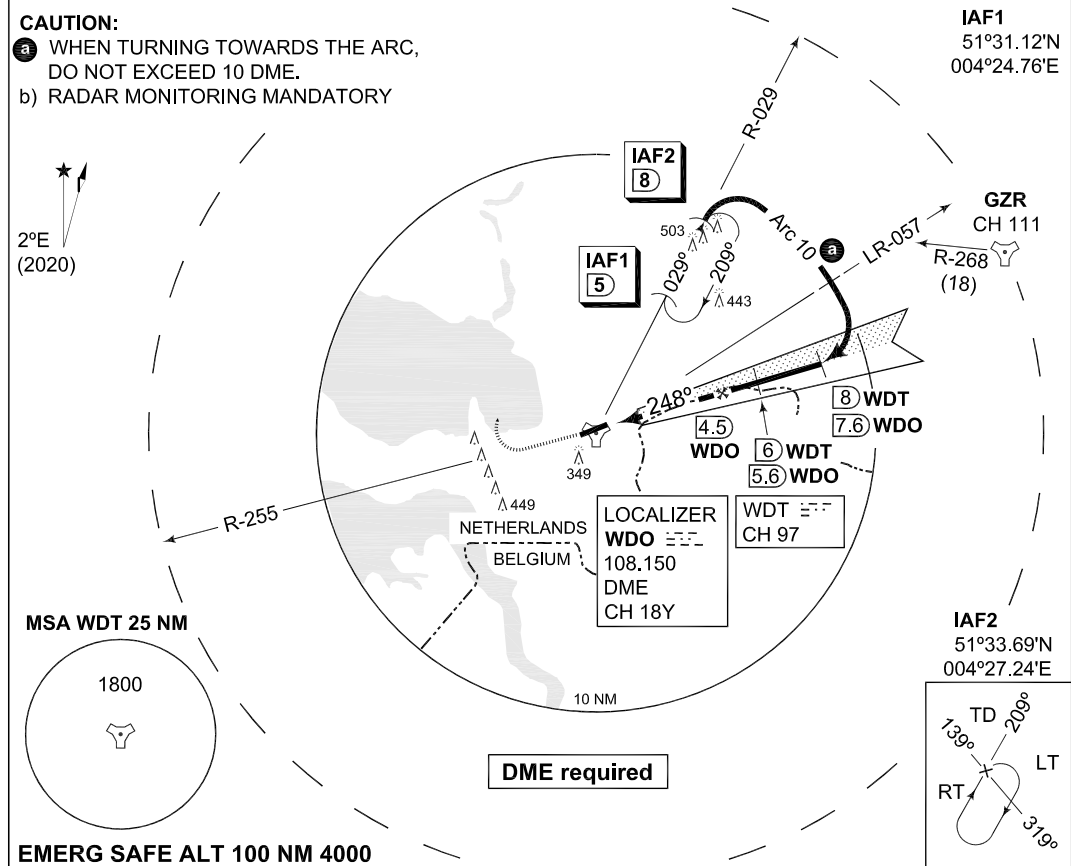
CATEGORY	A	B	C	D	E
S-ILS 07	239-800 200 (200-0.8)	246-1200 207 (300-1.2)	256-1200 217 (300-1.2)	266-1200 227 (300-1.2)	N.A.
S-LOC 07	480-1600 441 (500-1.6)		480-2000 441 (500-2.0)	480-2400 441 (500-2.4)	N.A.

CHANGES: EDITORIAL

RNLAF 21 APR 2022

MIPS INSTRUMENT APPROACH CHART **ILS or LOC RWY 25 WOENS DRECHT (EHWO)**

DUTCH MIL 336.325 125.930	RAPCON WEST 399.725 123.580	WOENS DRECHT TWR 339.000 120.430	GND 356.875 121.680
TACAN / LOCALIZER / DME WDT CH 97/WDO 108.150/CH 18 Y		APP COURSE 248°	GS INTCP ALT 1500 FT
		GS 3°	DA SEE CAT
		TDZE 63	ALS 900 m
		LDA 8014 FT	



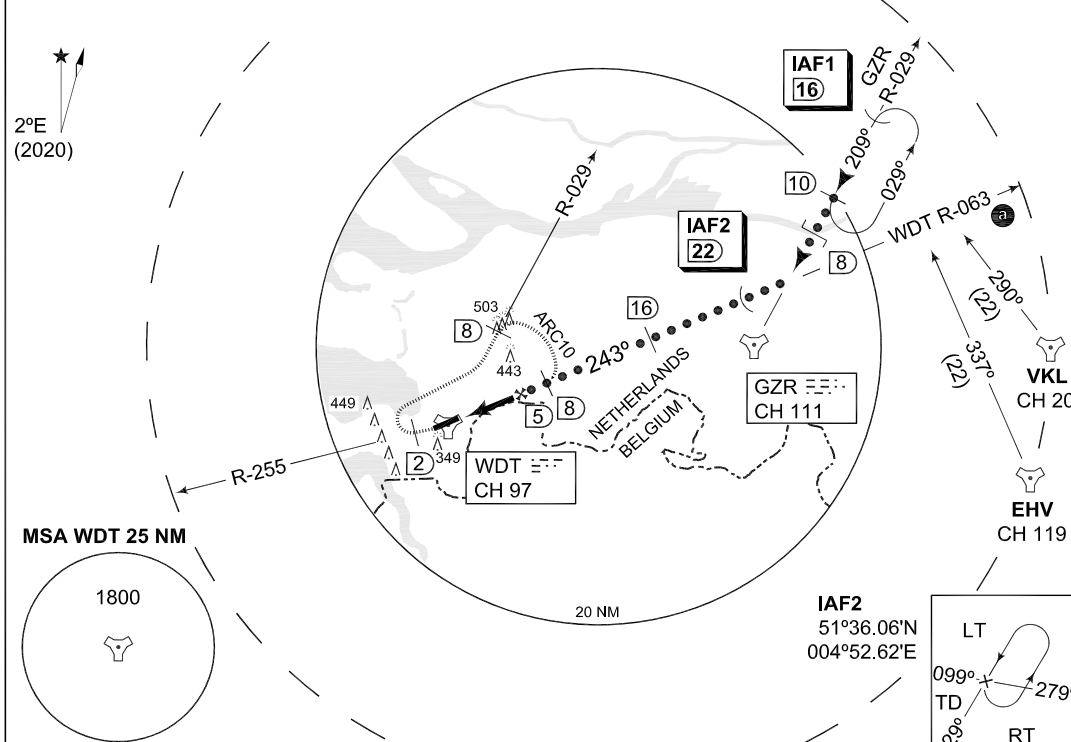
CATEGORY	A	B	C	D	E
S-ILS 25		263 -800 200 (200-0.8)		268 -800 205 (300-0.8)	N.A.
S-LOC 25		440 -800 377 (400-0.8)		440 -1200 377 (400-1.2)	N.A.

MIPS INSTRUMENT APPROACH CHART **HI-TACAN RWY 25 WOENSDRECHT (EHWO)**

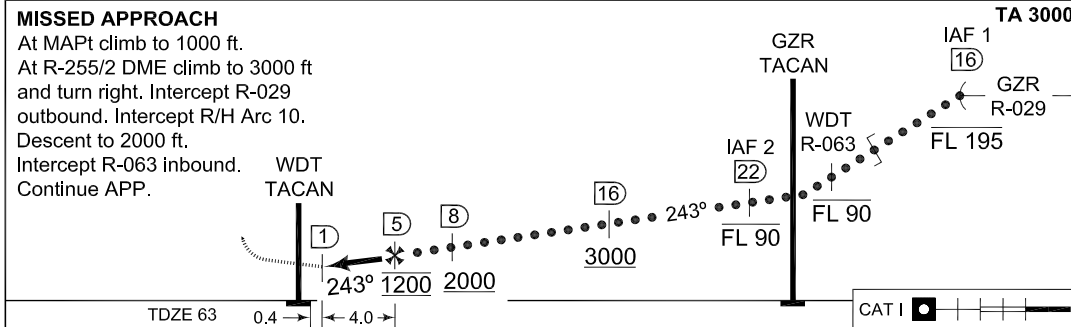
DUTCH MIL 336.325 125.930		RAPCON WEST 399.725 123.580		WOENSDRECHT TWR 339.000 120.430		GND 356.875 121.680	
TACAN WDT CH 97	APP COURSE 243°	FAF ALT 1200 FT	Descent GR	MDA 440	TDZE 63	ALS 900 m	LDA 8014 FT

CAUTION:
 a) DO NOT MANOEUVRE SOUTH OF R-067
 b) RADAR MONITORING MANDATORY

IAF1
 51°47.65'N
 005°09.29'E



EMERG SAFE ALT 100 NM 4000



CATEGORY	A	B	C	D	E
S-TACAN 25	440-800 377 (400-0.8)			440-1200 377 (400-1.2)	
CIRCLING	NOT AUTHORIZED				

CHANGES: MSA

MIPS

RNLAF 30 DEC 2021