

General Information

Location: GRONINGEN NLD
ICAO/IATA: EHGG / GRQ
Lat/Long: N53° 07.50', E006° 35.00'
Elevation: 18 ft

Airport Use: Public
Daylight Savings: Observed
UTC Conversion: -1:00 = UTC
Magnetic Variation: 1.0° E

Fuel Types: 100 Octane (LL), Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: Yes
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: No
Traffic Pattern Altitude: 1000 ft (982 ft AGL)

Sunrise: 0731 Z
Sunset: 1518 Z

Runway Information

Runway: 05
Length x Width: 8202 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 13 ft
Lighting: Edge, ALS, Centerline

Runway: 23
Length x Width: 8202 ft x 148 ft
Surface Type: asphalt
TDZ-Elev: 18 ft
Lighting: Edge, ALS, Centerline

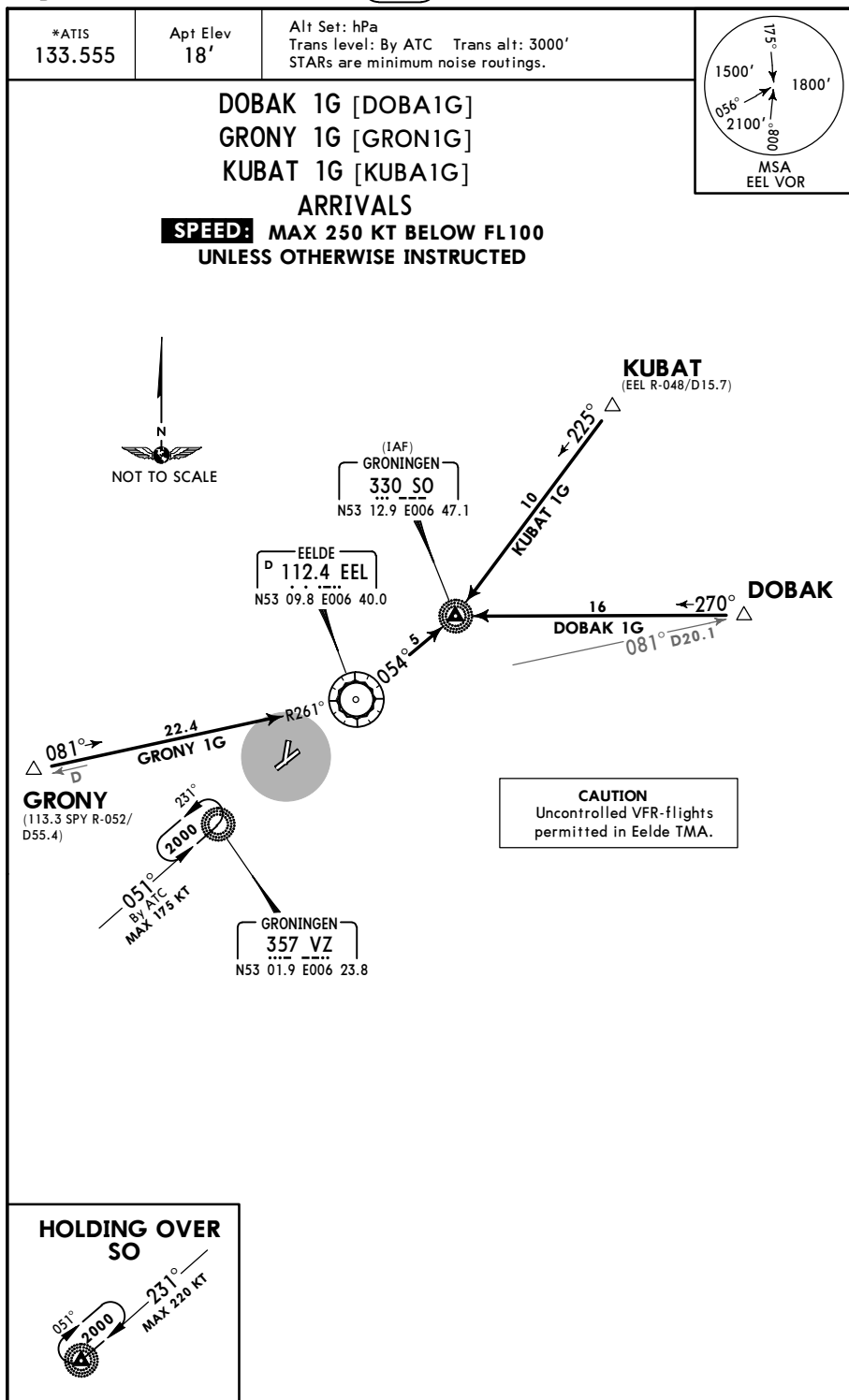
Communication Information

ATIS: 133.555
Eelde Tower: 36.230 Military
Eelde Tower: 119.705 VHF-DF
Eelde Tower: 118.705 VHF-DF
Eelde Clearance Delivery: 121.705 VHF-DF
Eelde Approach: 33.822 Military
Eelde Approach: 119.705 VHF-DF
Eelde Approach: 120.305 VHF-DF
Dutch Mil ACC: 128.355 Military

EHGG/GRQ
EELDE

JEPPesen
23 JUN 17 **(10-2)**

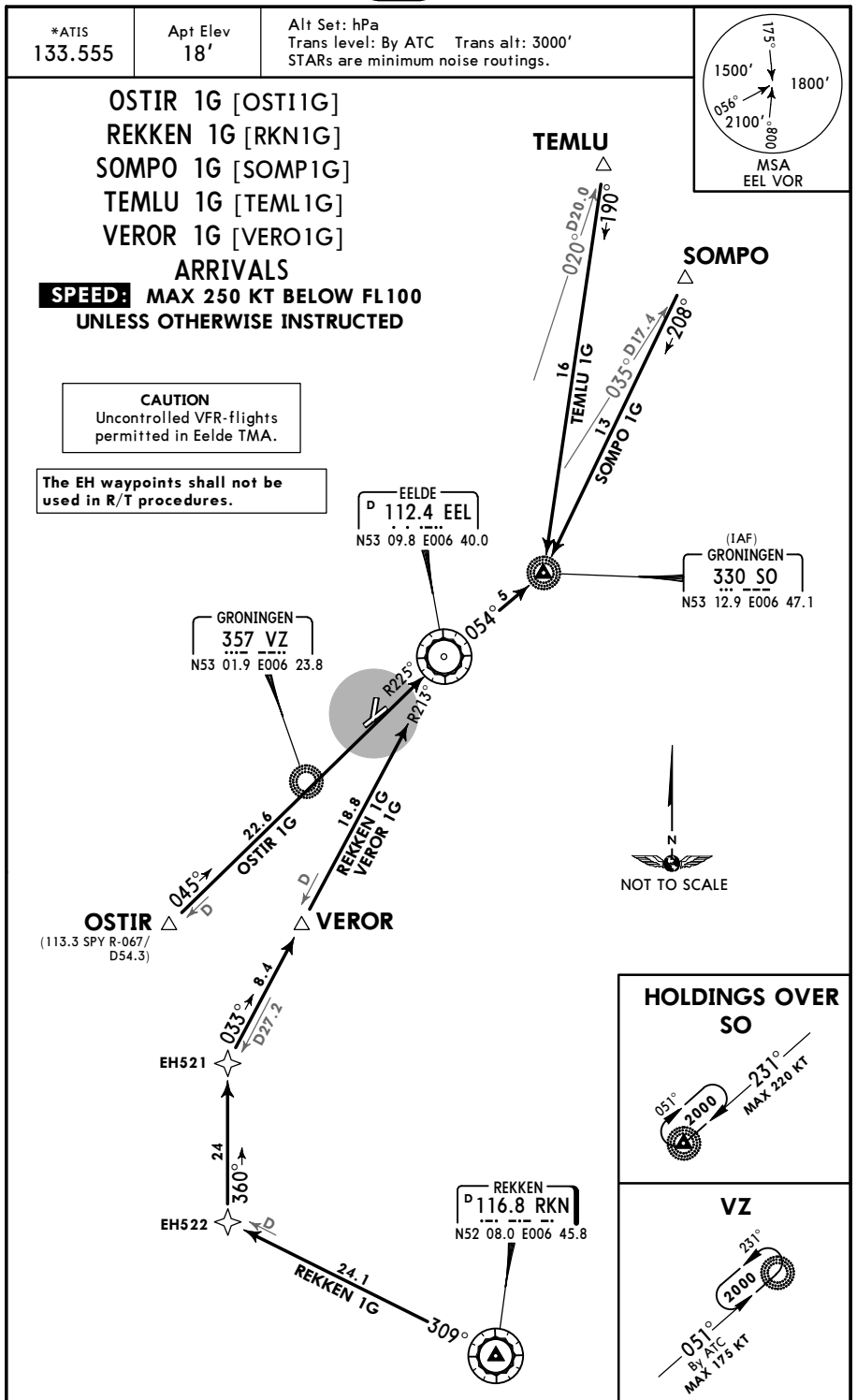
GRONINGEN, NETHERLANDS
STAR



EHGG/GRQ
EELDE

JEPPesen
23 JUN 17 **(10-2A)**

GRONINGEN, NETHERLANDS
STAR



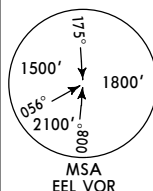
- Trans level: By ATC Trans alt: 3000'
1. Enroute clearance will be issued after start-up clearance has been given by EELDE Delivery.
 2. If unable to comply with crossing conditions inform EELDE Delivery before departure.
 3. Climb as rapidly as practicable to at least 2000'.
 4. SIDs are minimum noise routings.
 5. Initiate turns in due time in order not to overshoot radials and at 25° bank angle. Intercept radials in principle at an angle of 45°.
 6. Instructions containing deviations from SIDs (e. g. an opposite turn after take-off, maintaining a specified heading or temporary altitude restrictions) may be added to take-off or enroute clearance, especially for propeller-driven aircraft. They amend the relevant part of the SID only.

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JEPPESEN GRONINGEN, NETHERLANDS
23 JUN 17 **(10-3D)** **SID**

Apt Elev
18'

Trans level: By ATC Trans alt: 3000'
1. Enroute clearance will be issued after start-up clearance has been given by EELDE Delivery.
2. If unable to comply with crossing conditions inform EELDE Delivery before departure.
3. Climb as rapidly as practicable to at least 2000'.
4. SIDs are minimum noise routings.
5. Initiate turns in due time in order not to overshoot radials and at 25° bank angle. Intercept radials in principle at an angle of 45°.
6. Instructions containing deviations from SIDs (e. g. an opposite turn after take-off, maintaining a specified heading or temporary altitude restrictions) may be added to take-off or enroute clearance, especially for propeller-driven aircraft. They amend the relevant part of the SID only.



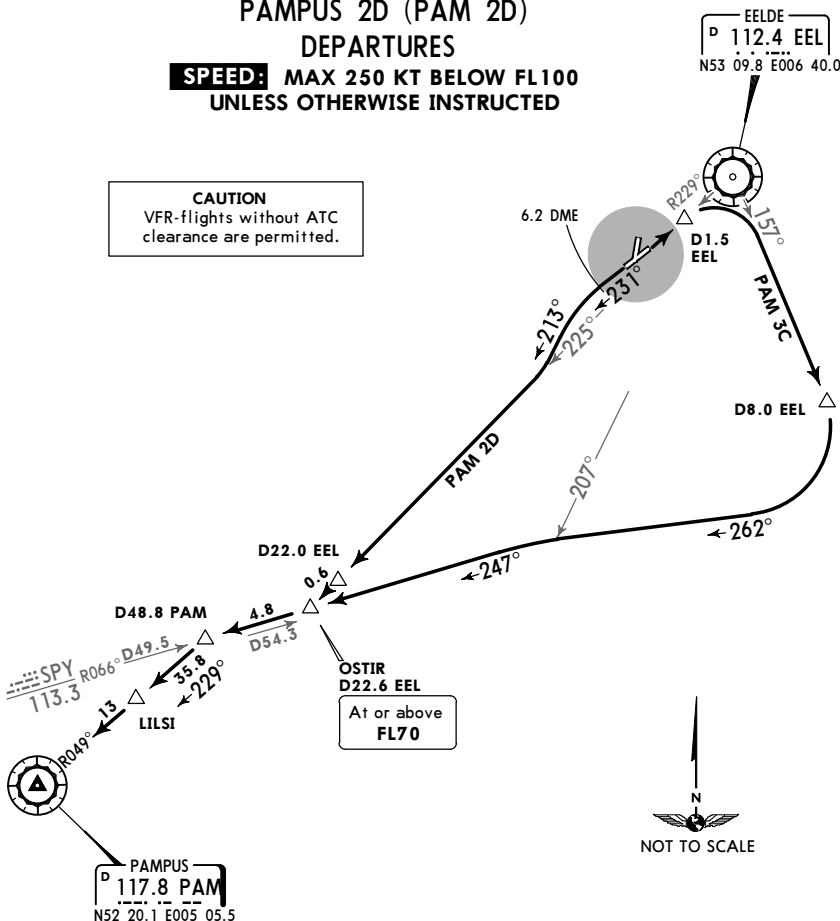
PAMPUS 3C (PAM 3C)

PAMPUS 2D (PAM 2D)

DEPARTURES

**SPEED: MAX 250 KT BELOW FL100
UNLESS OTHERWISE INSTRUCTED**

CAUTION
VFR-flights without ATC
clearance are permitted.



Climb to FL70 (higher level only when cleared by ATC)

SID	RWY	ROUTING
PAM 3C	05	Towards EEL, at D1.5 EEL turn RIGHT, intercept EEL R-157 to D8.0 EEL, turn RIGHT, 262° track, at EEL R-207 turn LEFT, intercept SPY R-066 inbound, intercept PAM R-049 inbound to PAM.
PAM 2D	23	On 231° track to EEL 6.2 DME, turn LEFT, 213° track, intercept EEL R-225 to D22.0 EEL, turn RIGHT, 247° track, intercept PAM R-049 inbound to PAM.

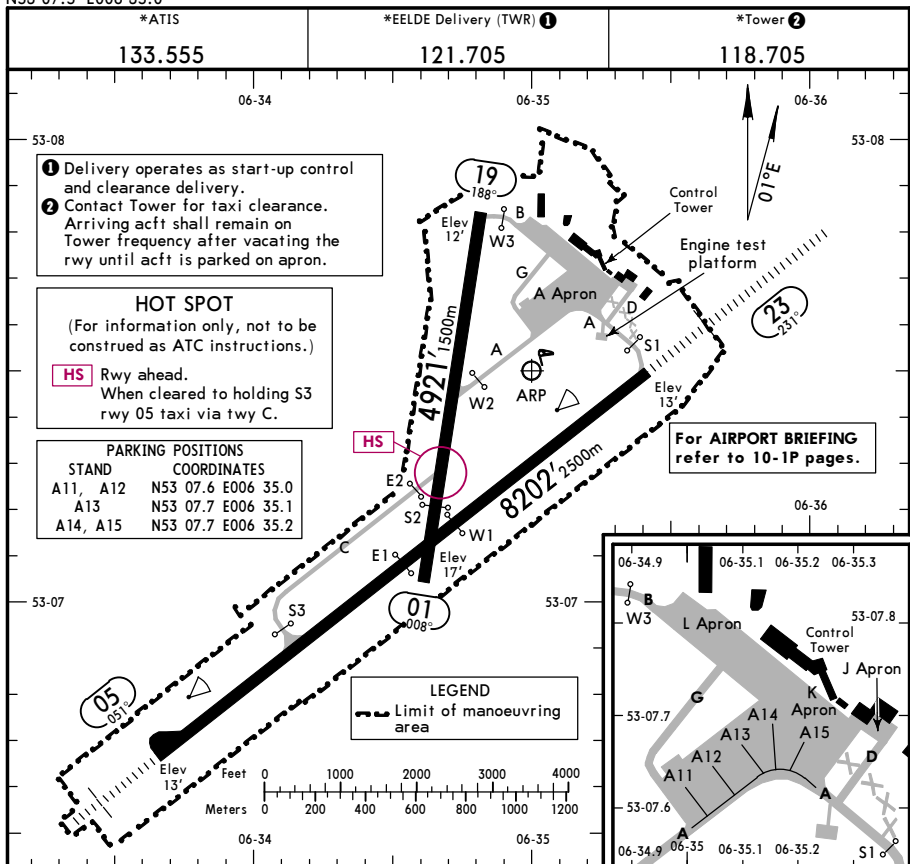
EHGG/GRQ

Apt Elev **18'**
N53 07.5 E006 35.0

JEPPesen GRONINGEN, NETHERLANDS

30 JUN 17 **(10-9)**

EELDE



ADDITIONAL RUNWAY INFORMATION

						USABLE LENGTHS		TAKE-OFF	WIDTH
						LANDING BEYOND			
RWY						Threshold	Glide Slope		
01 ③ 19	RL (blue)								148' 45m
05 23	HIRL (30m) CL (15m) HIALS PAPI-L (3.0°) RVR						7108' 2167m	④	148' 45m

③ Anti-skid layer.

④ TAKE-OFF RUN AVAILABLE

RWY 05:

From rwy head 8202' (2500m)
twy C int 5906' (1800m)
rwy 01/19 int 3281' (1000m)

RWY 23:

From rwy head 8202' (2500m)
rwy 01/19 int 4265' (1300m)

Standard

TAKE-OFF

Low Visibility Take-off					
HIRL, CL & relevant RVR	RL, CL & relevant RVR	RL & CL	Day: RL & RCLM Night: RL or CL	Day: RL or RCLM Night: RL or CL	Adequate vis ref (Day only)
A B C D	TDZ, MID, RO RVR 125m	TDZ, MID, RO RVR 150m	RVR 200m	RVR 300m	400m 500m

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JEPPESSEN
 22 SEP 17 **10-9Y**
STD COPTER MINIMUMS
GRONINGEN, NETHERLANDS
EELDE

STRAIGHT-IN RWY	DA(H) / MDA(H)	RVR (ALS/ALS out)
05 LPV	313' (300')	600m / 1000m
LNAV/VNAV	320' (307')	750m / 1000m
LNAV	440' (427')	800m / 1000m
VOR	440' (427')	800m / 1000m
NDB	440' (427')	800m / 1000m
23 ILS	213' (200')	500m / 1000m
LOC	430' (417')	800m / 1000m
LPV	263' (250')	550m / 1000m
LNAV/VNAV	280' (267')	600m / 1000m
LNAV	440' (427')	800m / 1000m
VOR	430' (417')	800m / 1000m
NDB	430' (417')	800m / 1000m

CIRCLE-TO-LAND	MDA(H)	VIS
Not authorized NW of airport	450' (432') ❶	1000m

❶ After NDB DME 23: MDA(H) 460' (442').

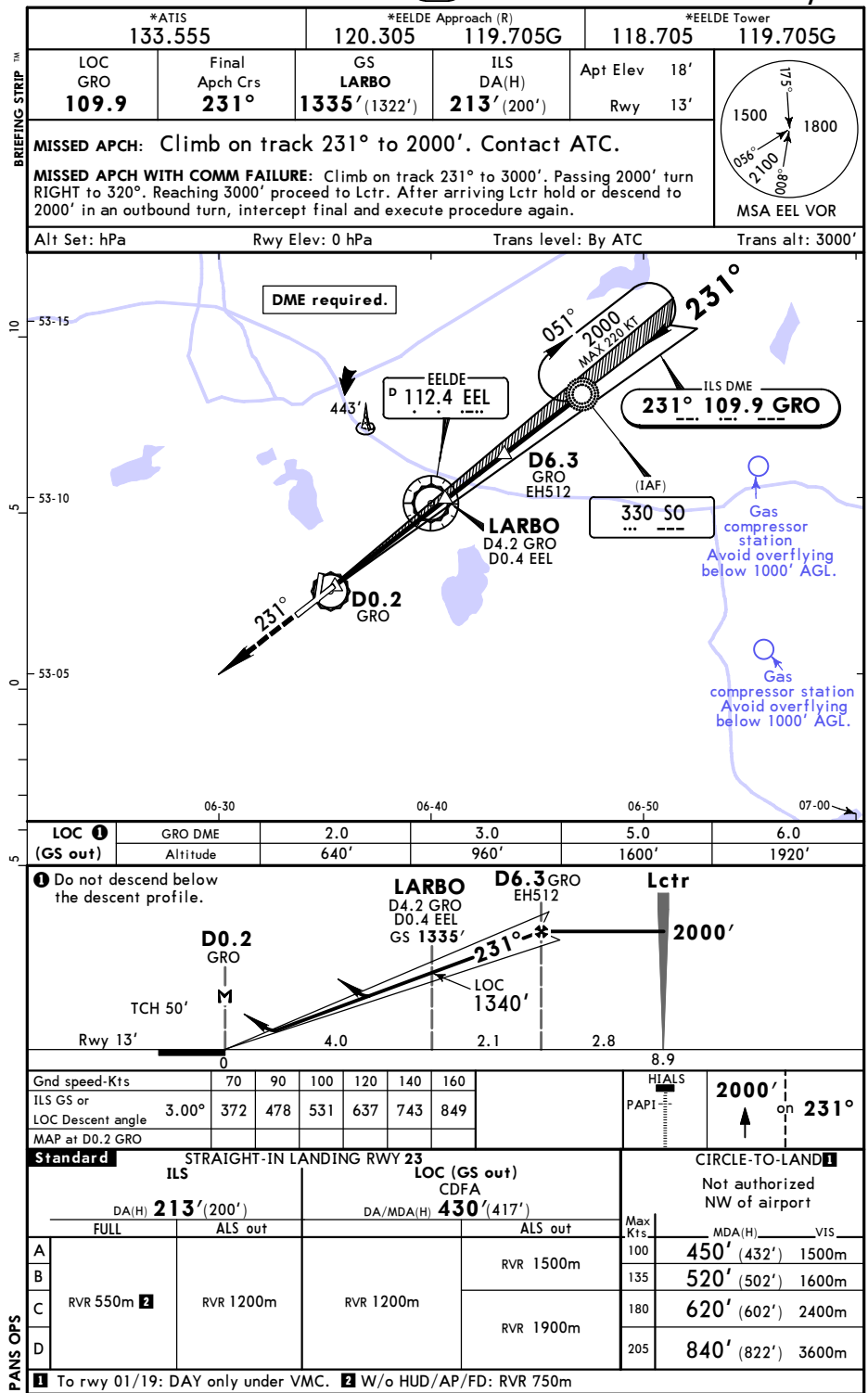
TAKE-OFF RWY 01, 05, 19, 23				
Low Visibility Take-off ❷				
RL/FATO LTS, RCLM & RVR info	RL/FATO LTS & RCLM	Unlit/unmarked defined RWY/FATO	Nil Facilities DAY	Nil Facilities NIGHT
150m	200m	200m	250m ❸	800m

❷ Without Low Visibility Take-off approval 400m are stipulated.

❸ Or rejected take-off distance whichever is the greater.

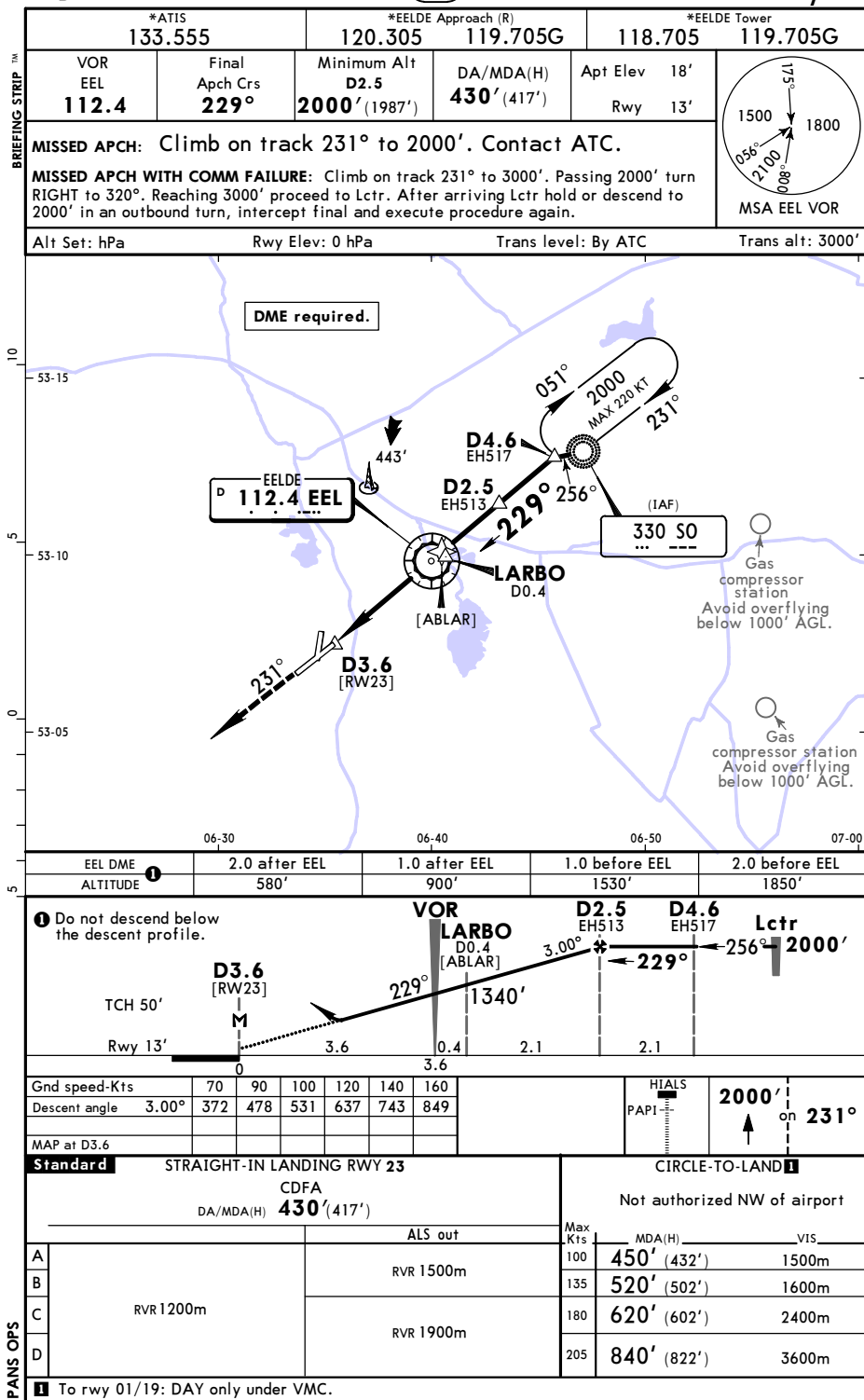
EHGG/GRQ
EELDE

JEPPESSE GRONINGEN, NETHERLANDS
23 JUN 17 (11-2) ILS or LOC Rwy 23



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EELDE

JEPPesen GRONINGEN, NETHERLANDS
30 JUN 17 (13-2) VOR Rwy 23



EHGG/GRQ
EELDE

JEPPesen GRONINGEN, NETHERLANDS
30 JUN 17 (16-1) NDB Rwy 05

