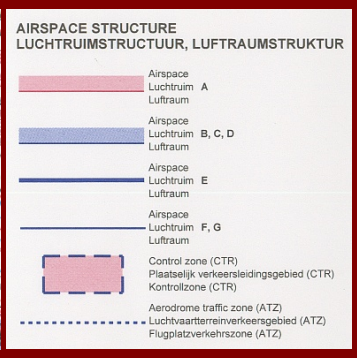
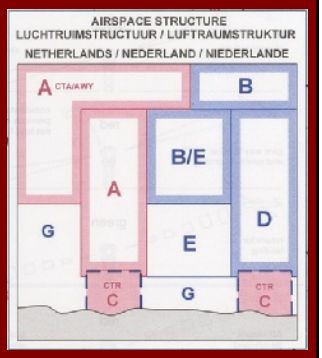
VFR VLIEGEN IN NEDERLAND

AERONAUTICAL CHART

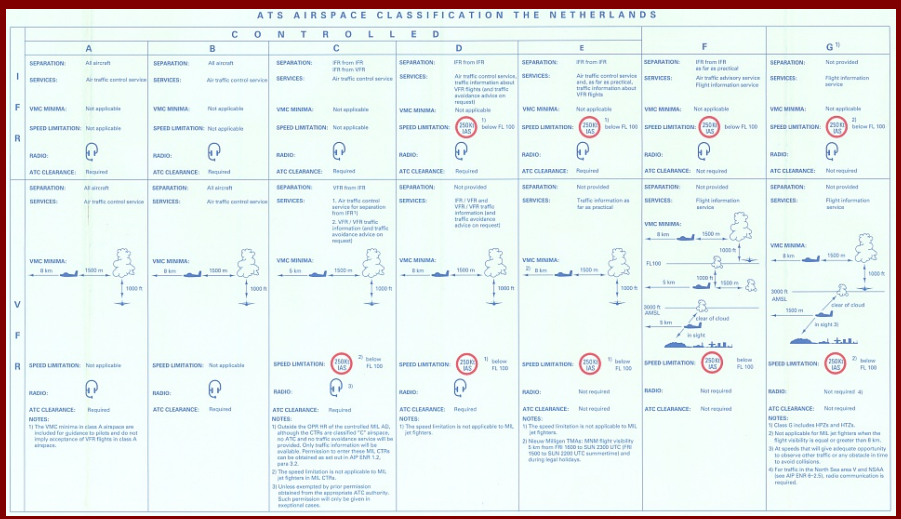
- Zorg dat je bij over-landvliegen altijd een kaart bij je hebt!
- Gebruik een recente kaart!
- Kaartlezen leer je enkel door het te doen!

LUCHTRUIM - klassificatie





LUCHTRUIM ZICHTVOORWAARDEN

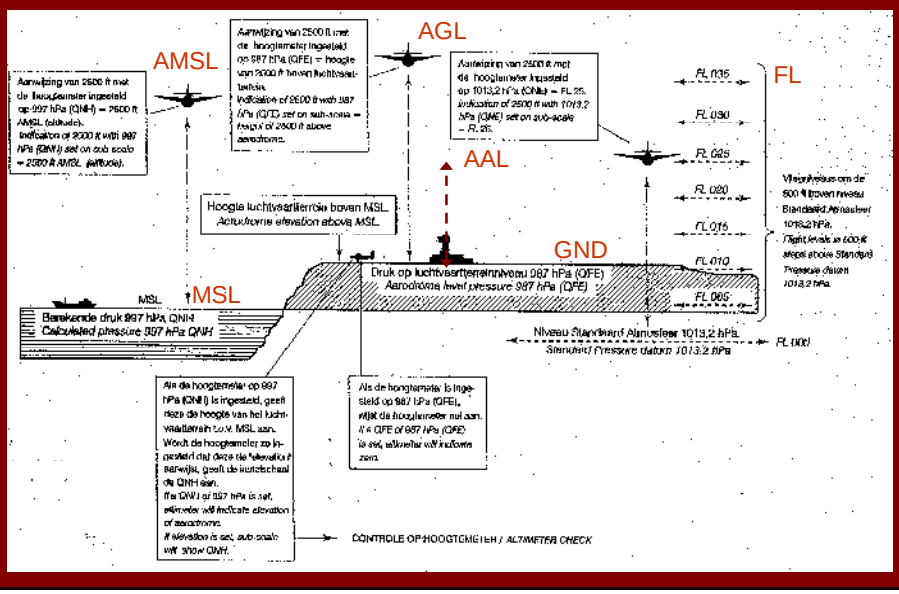


VMC = Visual Meteorological Conditions

HOOGTE AANDUIDINGEN

- AMSL-Above Main Sea Level
- AAL-Above Aerodrome Level
- AGL-Above Ground Level
- GND-Ground
- FL-Flight Level (boven 3500 ft AMSL)

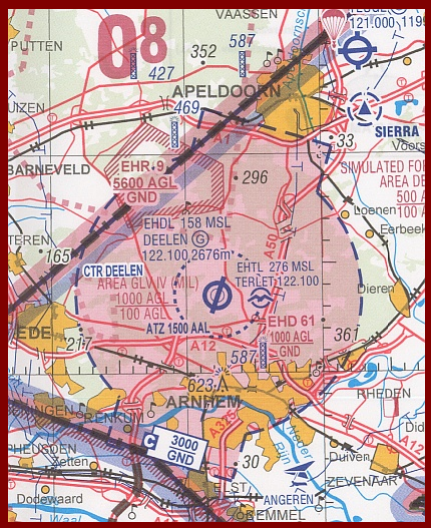
HOOGTEMETER INSTELLING



CONTROL ZONE

CTR Deelen:

- Luchtruimklasse [C]
- Hoogte 3000 ft AMSL
- ATZ 1500 ft AAL
- Straal 2 NM
- Veldhoogte in ft
- (kortste) Baanlengte in m
- Radiofrequentie
- Zweefvliegveld



CTR GILZE-RIJEN

- Hoogte?
- Hoogte ATZ?
- Hoogte veld?
- Baanlengte?
- Let op:
  Geen “uitstulpingen”!

CTR LEEUWARDEN

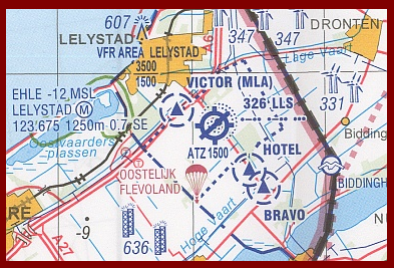
- Veldhoogte?
- Baanlengte?
- ATZ hoogte?
- CTR hoogte?
- Luchtruimklasse?

SAMENGESTELDE CTR'S

- Volkel
- Eindhoven
- De Peel
- Niederrhein
- Hoogten?
- Luchtruimklasse?
- Zichtvoorwaarden?

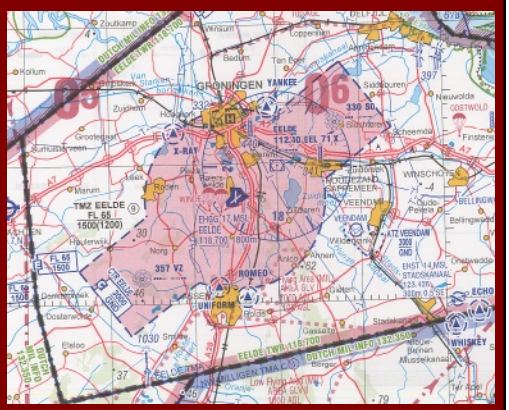
BURGER ATZ'S

- Ter bescherming van luchtvaartterrein-verkeer
- Let op de vorm van de ATZ en de hoogte!



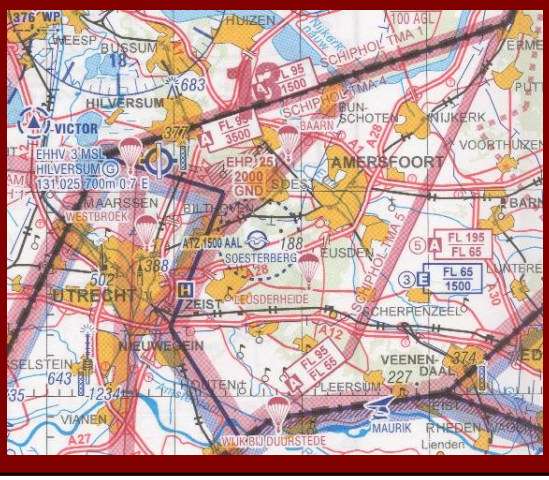
TERMINAL CONTROL AREA

- TMA Eelde
- Hoogte 1500 ft AMSL-FL065
- Luchtruimklasse [E]
- in de CTR [C]
- Geen ATZ!



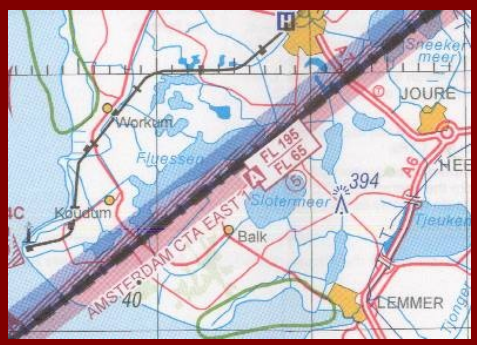
SCHIPHOL TMA 5

- Luchtruimklasse + Hoogte:
- ATZ Soesterberg
- TMA 5 Schiphol



CONTROL AREA

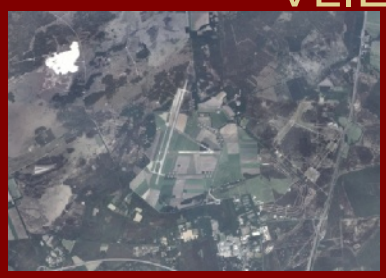
- CTA
- Algemeen luchtver-keersleidingsgebied
- Altijd luchtruimklasse [A]

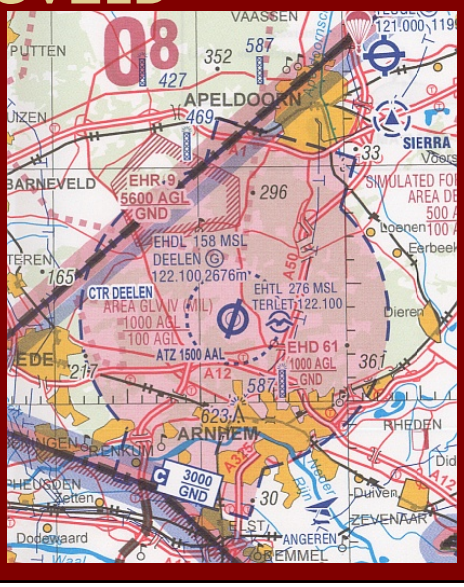


WELK VLIEGVELD?

- Vertaal dit naar een kaart.

DIT IS DUS HET GEZOCHTE VLIEGVELD



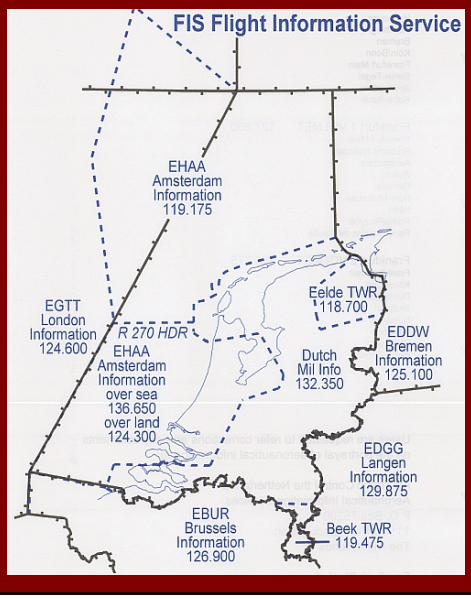


TMA'S NEW MILLINGEN

- New Millingen
- Dutch Mil = Air traffic controller
- TMA's A t/m E, G1, G2

- Hoogte kan in het weekeinde en op feestdagen variëren!

TMA - Controle



GEVAARLIJKE GEBIEDEN

- EHR - Restricted
- EHD – Danger

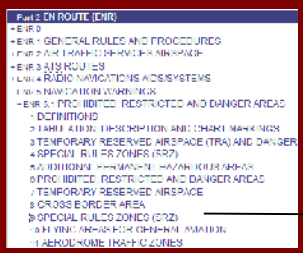
- *Hoe vlieg je, vanuit het zuiden, naar Texel?*

VERBODEN GEBIEDEN

- EHP = Prohibited
- Hoogten:
  EHP 26, EHP 27 en
  EHP 28
  GND tot 2000 ft AGL

SPECIAL RULES ZONE

- SRZ = bijzonder vlieggebied
- Ter bescherming van ander luchtverkeer
- Gebruiksvoorwaarden zie de VFR-gids

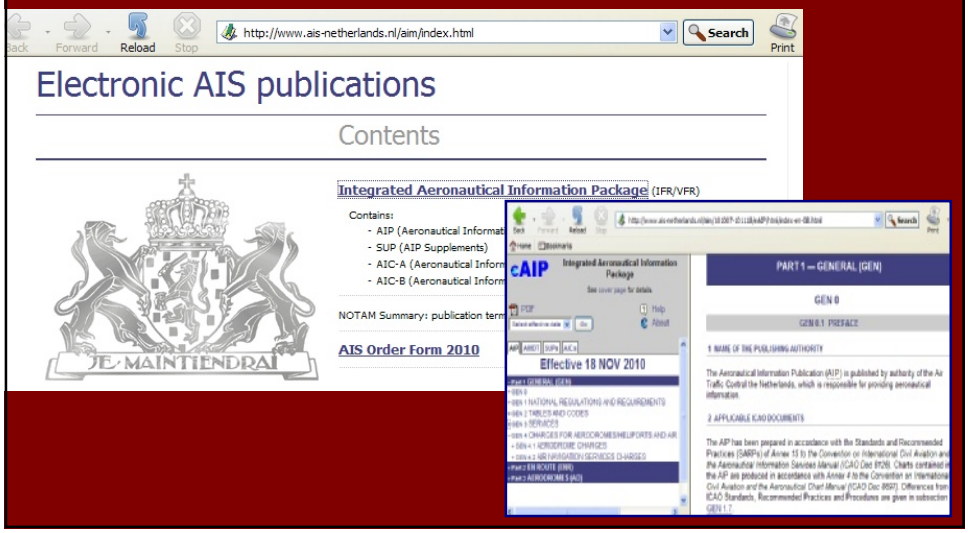


Lemelerveld Circle, radius 3 NM, centre 52°28'04.00"N 006°19'58.00"E.	3500 ft AMSL 1200 ft AMSL	MON-FRI 0800-1600 (0700-1500), EXC HOL.

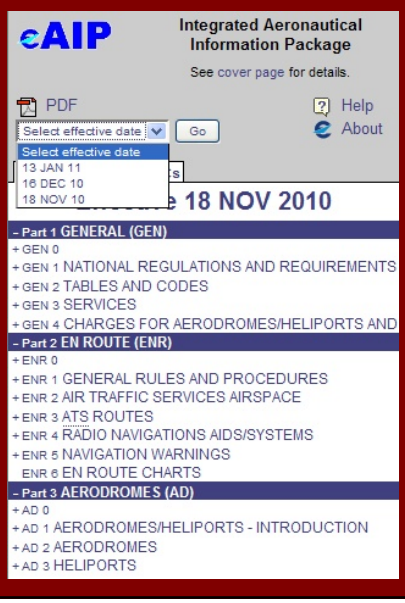
SRZ Lemelerveld is subject to a local agreement; during activation local participants are exempted from the mandatory carriage of a transponder. Aircraft not participating in the local glider activities are advised to avoid the SRZ.

VFR-GUIDE

- Nu op internet website: www.ais-netherlands.nl



WELKE INFORMATIE?



- General (algemeen):
meeteenheden, nationale voor-schriften uitleg, ICAO-kaart, symbolen, landingskosten.

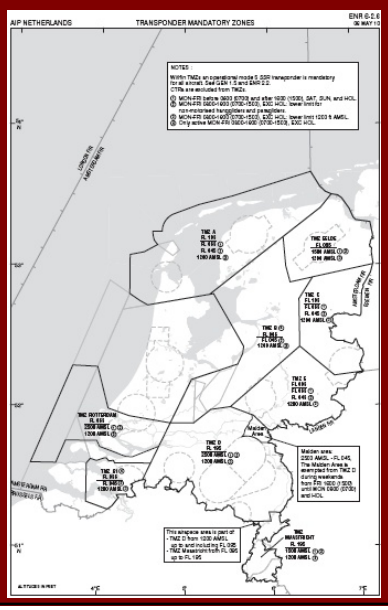
- Enroute (onderweg):
zichtvoorwaarden, luchtver-keersgebieden, radionavigatie, hulpmiddelen, enroute-kaarten.

- Aerodromes (luchthavens):
Schiphol, Rotterdam, Hoogeveen, etc.

TRANSPONDERS VERPLICHT

- V.a. 31 MAART 2010
- Ook voor zweefvliegers, transponder boven 1200ft verplicht !
- Let op:

  Verschillende regels per gebied en periode !



TRANSPONDER VRIJ

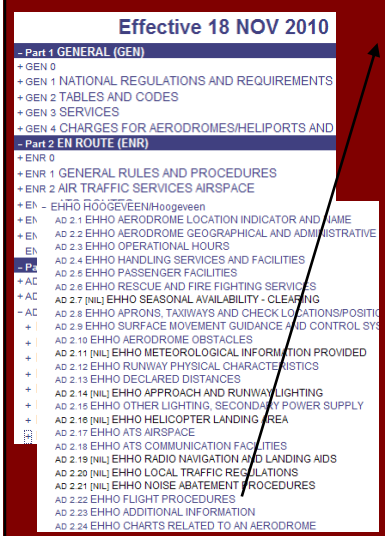
- Transponder vrijstelling via Special Rule Zones (SRZ)
- Zie AIP gids
- Voorbeeld: Terlet

Terlet Deelen CTR, see ENR 2.1.	FL 045 3000 ft AMSL	MON-FRI 0800-1600 (0700-1500), EXC HOL.	SRZ Terlet is subject to a local agreement; during activation local participants are exempted from the mandatory carriage of a transponder. Aircraft not participating in the local glider activities are advised to avoid the SRZ.

VOORBEELD UIT VFR-GIDS

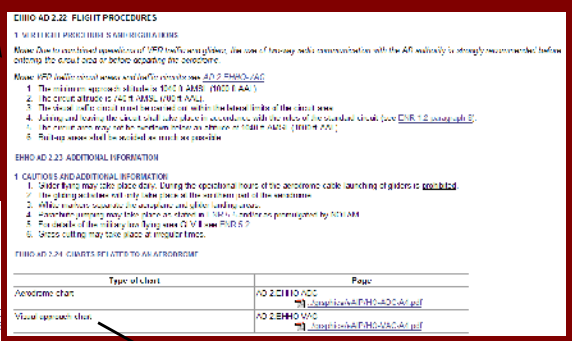
- EHHO
- E=kaartvlak
- H=Holland
- HO = Hoogeveen
- Hiernaast de afbeelding uit de gids

EHHO: CIRCUIT + LUCHTHAVENGEGEVENS



Effective 18 NOV 2010

- Part 1 GENERAL (GEN)
- + GEN 0
- + GEN 1 NATIONAL REGULATIONS AND REQUIREMENTS
- + GEN 2 TABLES AND CODES
- + GEN 3 SERVICES
- + GEN 4 CHARGES FOR AERODROMES/HELIPORTS AND
- Part 2 EN ROUTE (ENR)
- + ENR 0
- + ENR 1 GENERAL RULES AND PROCEDURES
- + ENR 2 AIR TRAFFIC SERVICES AIRSPACE
- EHHO HOOGEVEEN/Hoogeveen
- AD 2.1 EHHO AERODROME LOCATION INDICATOR AND NAME
- AD 2.2 EHHO AERODROME GEOGRAPHICAL AND ADMINISTRATIVE
- AD 2.3 EHHO OPERATIONAL HOURS
- AD 2.4 EHHO HANDLING SERVICES AND FACILITIES
- AD 2.5 EHHO PASSENGER FACILITIES
- AD 2.6 EHHO RESCUE AND FIRE FIGHTING SERVICES
- AD 2.7 [NIL] EHHO SEASONAL AVAILABILITY - CLEARING
- AD 2.8 EHHO APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIO
- AD 2.9 EHHO SURFACE MOVEMENT GUIDANCE AND CONTROL SYS
- AD 2.10 EHHO AERODROME OBSTACLES
- AD 2.11 [NIL] EHHO METEOROLOGICAL INFORMATION PROVIDED
- AD 2.12 EHHO RUNWAY PHYSICAL CHARACTERISTICS
- AD 2.13 EHHO DECLARED DISTANCES
- AD 2.14 [NIL] EHHO APPROACH AND RUNWAY LIGHTING
- AD 2.15 EHHO OTHER LIGHTING, SECONDARY POWER SUPPLY
- AD 2.16 [NIL] EHHO HELICOPTER LANDING AREA
- AD 2.17 EHHO ATS AIRSPACE
- AD 2.18 EHHO ATS COMMUNICATION FACILITIES
- AD 2.19 [NIL] EHHO RADIO NAVIGATION AND LANDING AIDS
- AD 2.20 [NIL] EHHO LOCAL TRAFFIC REGULATIONS
- AD 2.21 [NIL] EHHO NOISE ABATEMENT PROCEDURES
- AD 2.22 EHHO FLIGHT PROCEDURES
- AD 2.23 EHHO ADDITIONAL INFORMATION
- AD 2.24 EHHO CHARTS RELATED TO AN AERODROME



EHHO AD 2.22 FLIGHT PROCEDURES

1 GENERAL PROCEDURES AND REGULATIONS

Note: Due to restricted capacity of VFR traffic circuit (pilot), the use of taxiway with communication with the AD authority is strongly recommended before entering the circuit and or before departing the aerodrome.

Note: VFR traffic circuit areas and/or frequencies see AD 2.EHHO-VAC

1. The minimum operating altitude is 1000 ft AMSL (1000 ft AAL).
2. The circuit altitude is 740 ft AMSL (700 ft AAL).
3. The circuit traffic circuit is established on the following limits of the circuit area.
4. Taking and leaving the circuit shall take place in accordance with the rules of the standard circuit (see ENR 1.2 paragraph 8).
5. The circuit area may not be overflown below an altitude of 1000 ft AMSL (1000 ft AAL).
6. Circuits area shall be avoided as much as possible.

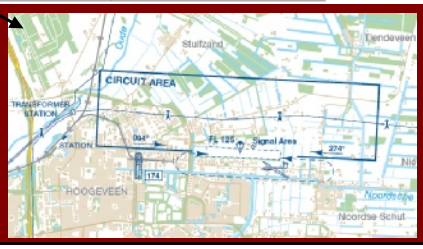
EHHO AD 2.23 ADDITIONAL INFORMATION

1 CAUTIONS AND ADDITIONAL INFORMATION

1. Glider flying may take place daily. During the operational hours of the aerodrome cable launching of gliders is prohibited.
2. The gliding activities will only take place at the northern part of the aerodrome.
3. Wind markers could be in the vicinity of the landing area.
4. Parachute jumpers may take place at altitudes up to 13000 ft. Jumping is prohibited by NOTAM.
5. Flying outside of the military low flying area (R V) is not PVR 5.?
6. Grass cutting may take place at irregular times.

EHHO AD 2.24 CHARTS RELATED TO AN AERODROME

Type of chart	Page
Aerodrome chart	AD 2.EHHO ADC Graphics/AD/EHHO-ADC-AD.pdf
Visual approach chart	AD 2.EHHO VAC Graphics/AD/EHHO-VAC-AD.pdf



NOTAMS

FOKKE & SUKKE

HEBBEN “VOORSCHRIFTEN” GEHAD….