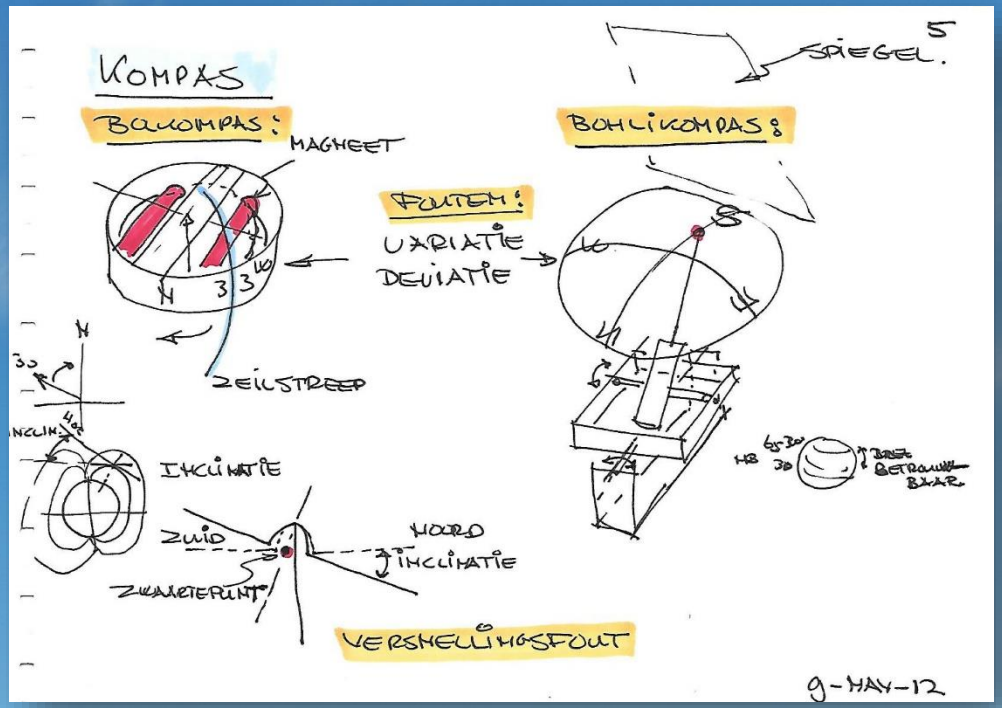
Theorie van het Zweefvliegen

Navigatie



Martin W Smit

Grafische Samenvatting

Navigatie

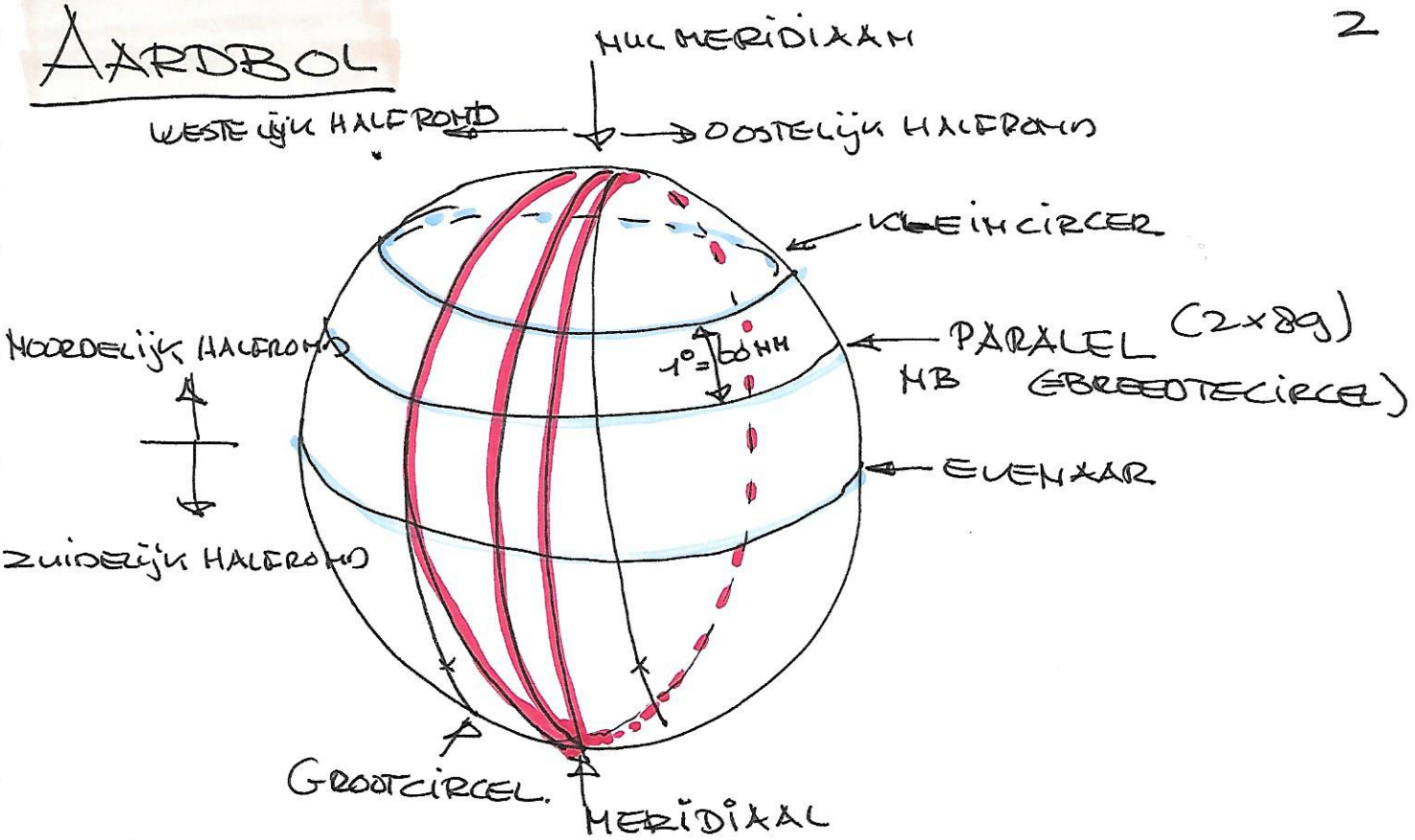
Martin W Smit

9

9 Navigatie

Hoofdstuk indeling

AARDBOL



1° = 60 NM (= ±111 KM) OL (=LENGTECIRCEL)

1' = 1 NM (= ±1,8 KM) (2x180)

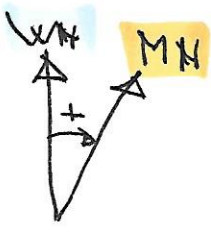
1" = 1/60 NM (= ± 31 M)

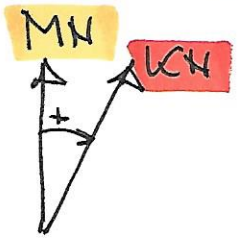
g-NAV-M 4

WINDROOS + KOERSCORRECTIE

WAARE N MAGNETISCHE KOMPAS.

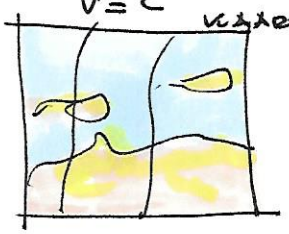
WN —VARIATIE→ MN —DEVIATIE→ KN





OOST = +

V = C WAART



ISOGONEM.

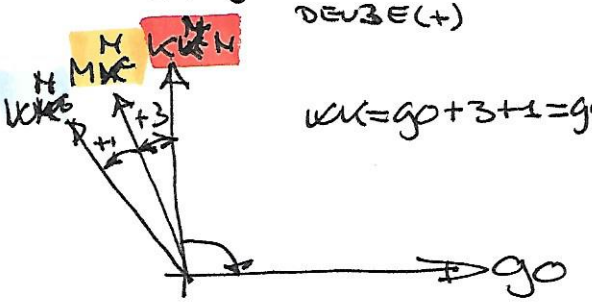
KOERSEN:

KK —VERBETEREN→ WK

WK —VERSLECHTEREN→ KK

KK + → WK:

KK = 90 VAR 1E (+)
DEV 3E (+)

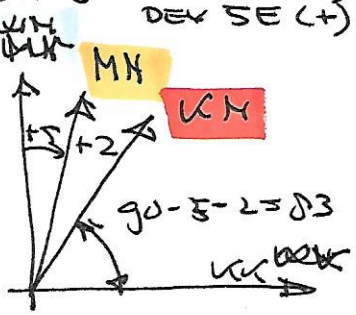


WK = 90 + 3 + 1 = 94°

WK = 94

WK — → KK:

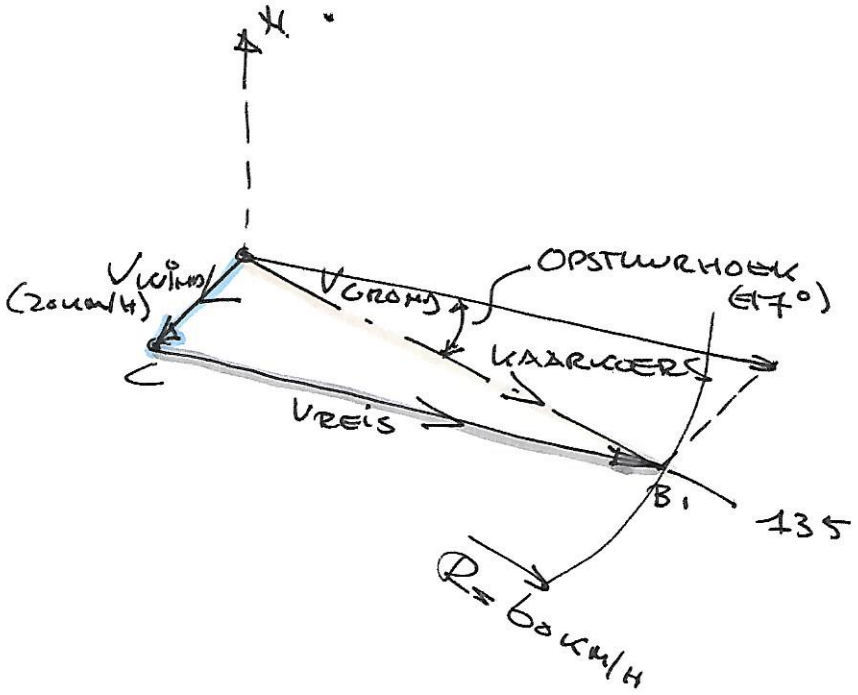
WK = 90 VAR 2E (+)
DEV 5E (+)



KK = 83

g-NAV-7

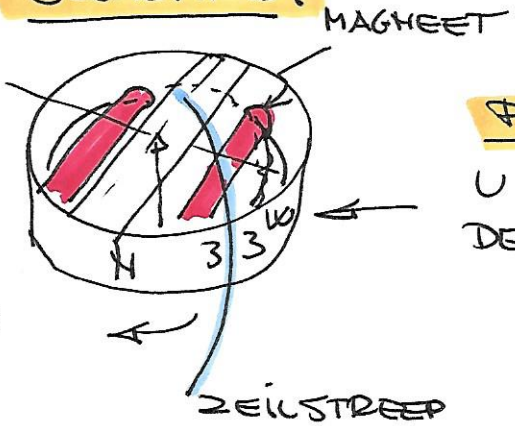
WINDDRIEHOEK



9-MAY-9

KOMPAS

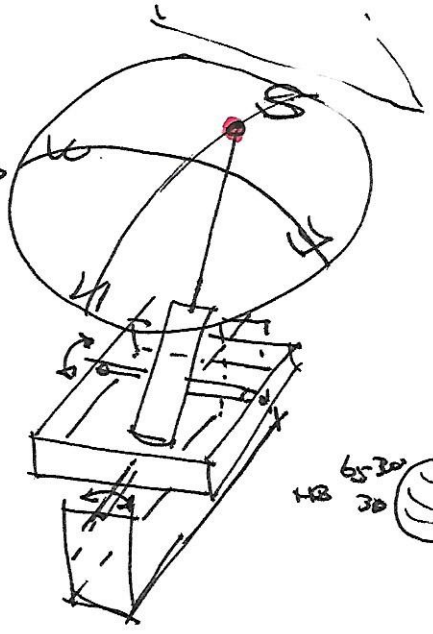
BAKOMPAS:

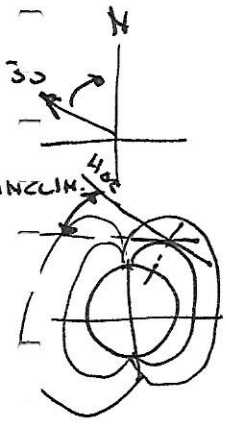


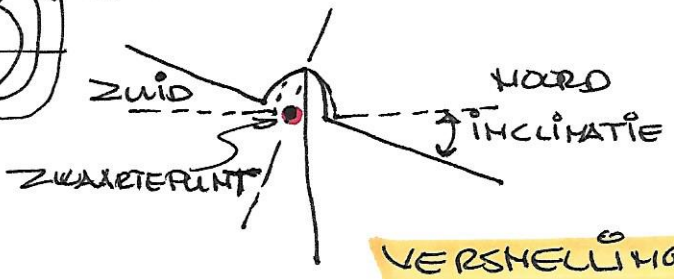
FOUTEN:

- VARIATIE
- DEVIATIE

BOLLIKOMPAS:







VERSNELLINGSFOUT

9-MAY-12

KAARTPROJECTIES

SOORTEN:

1- AFSTANDSGETROUW (l)
2- CONFORMEHOEKGETROUW (φ)
3- OPPERVLAKTEGETROUW (S)

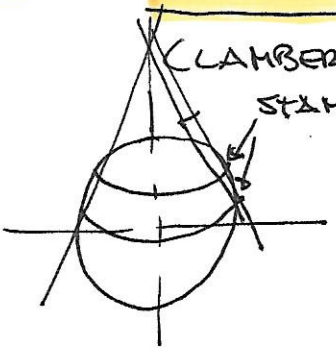
VOLDOEN 1/3

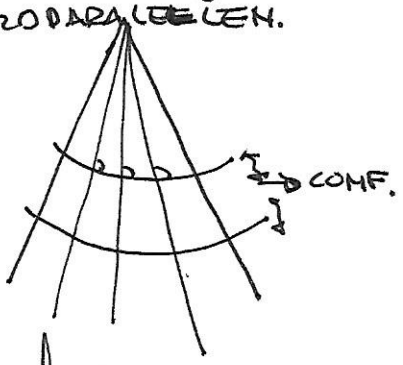
CILINDERPROJECTIE:

1 l ✓
2 ~~φ~~
3 S ✓

KEGELPROJECTIE:

(LAMBERT CONICAL PROJECTION)





1 l ~
2 φ ✓
3 S –

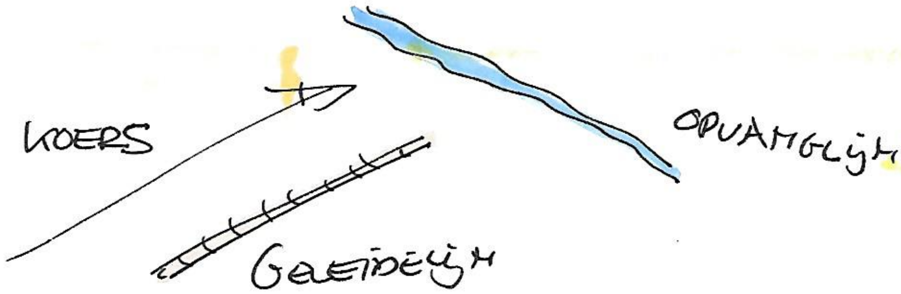
9-NOV-16

DEADRECKONING:

(= GEGIST BESTEK)

KOERS ∠ α → + VWIED

Δ = VWIND



VERDWALEN:

KOERS HOUDEN

* BOCHT → KOMPAS