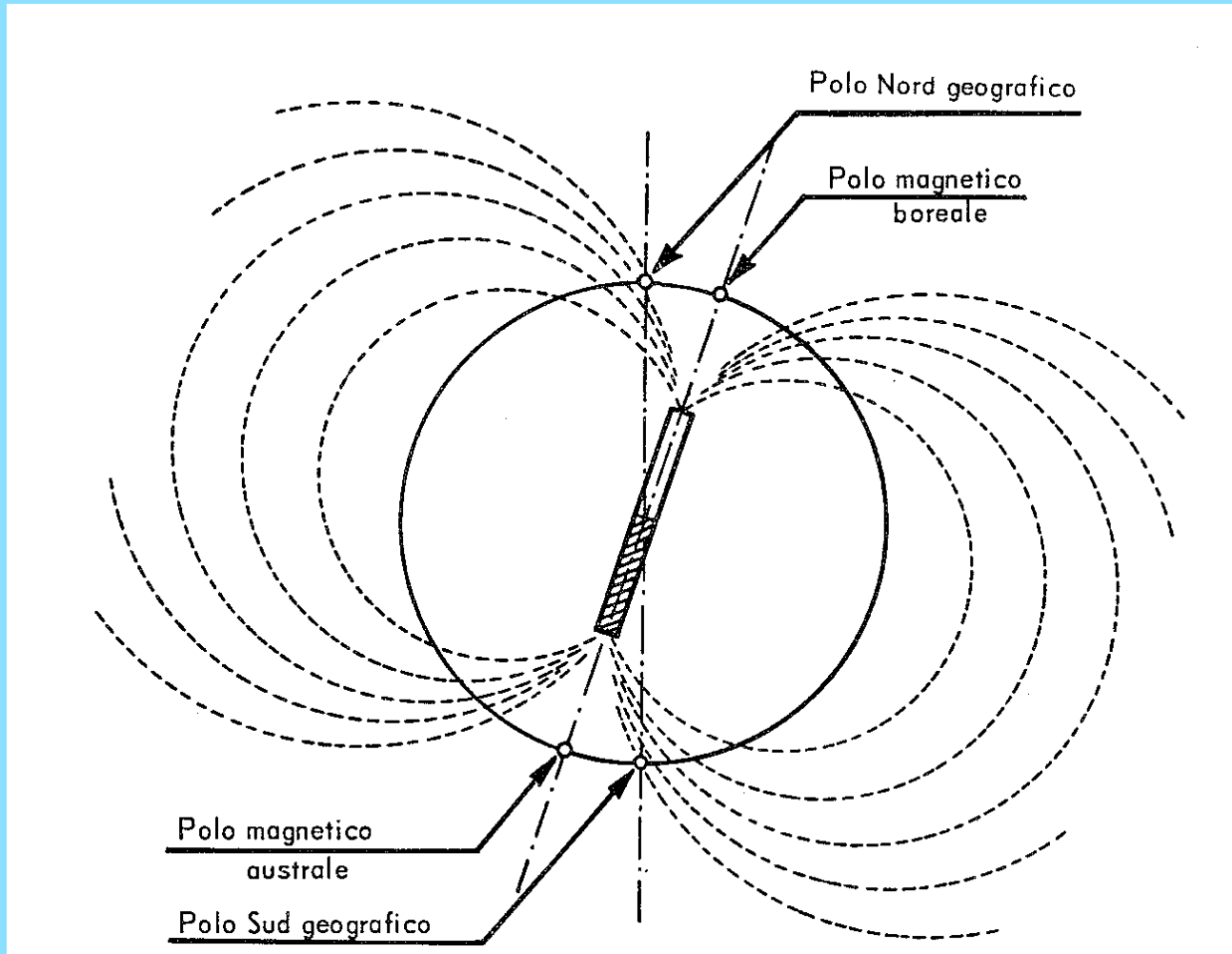
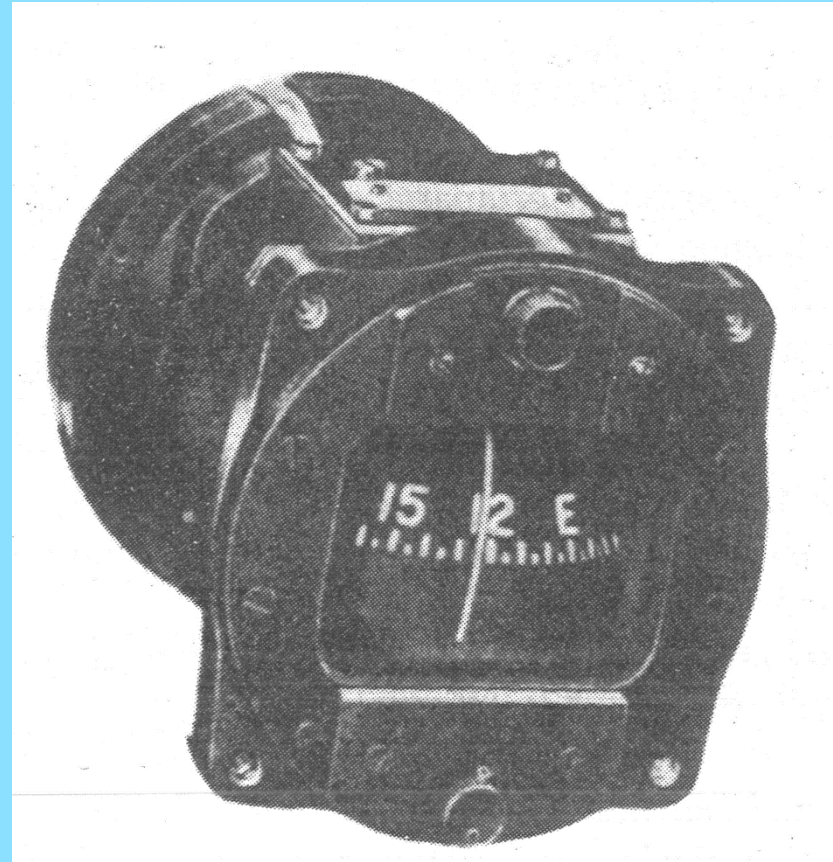
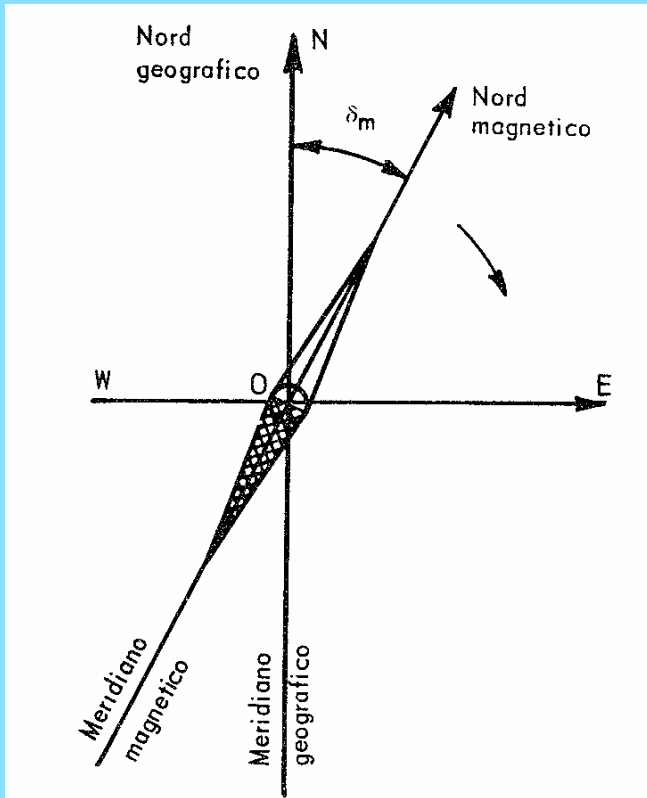


# Campo magnetico terrestre

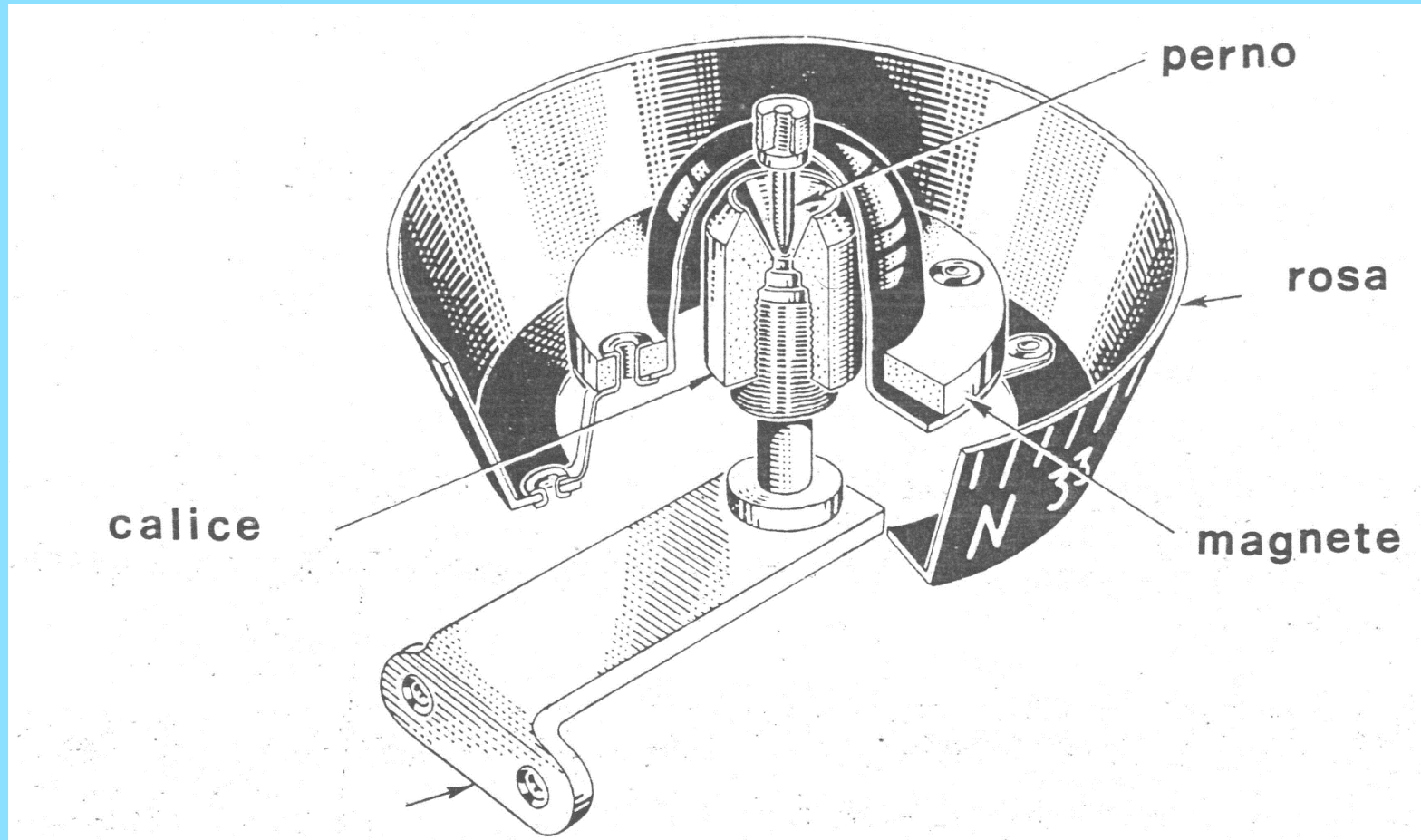


# Bussola magnetica



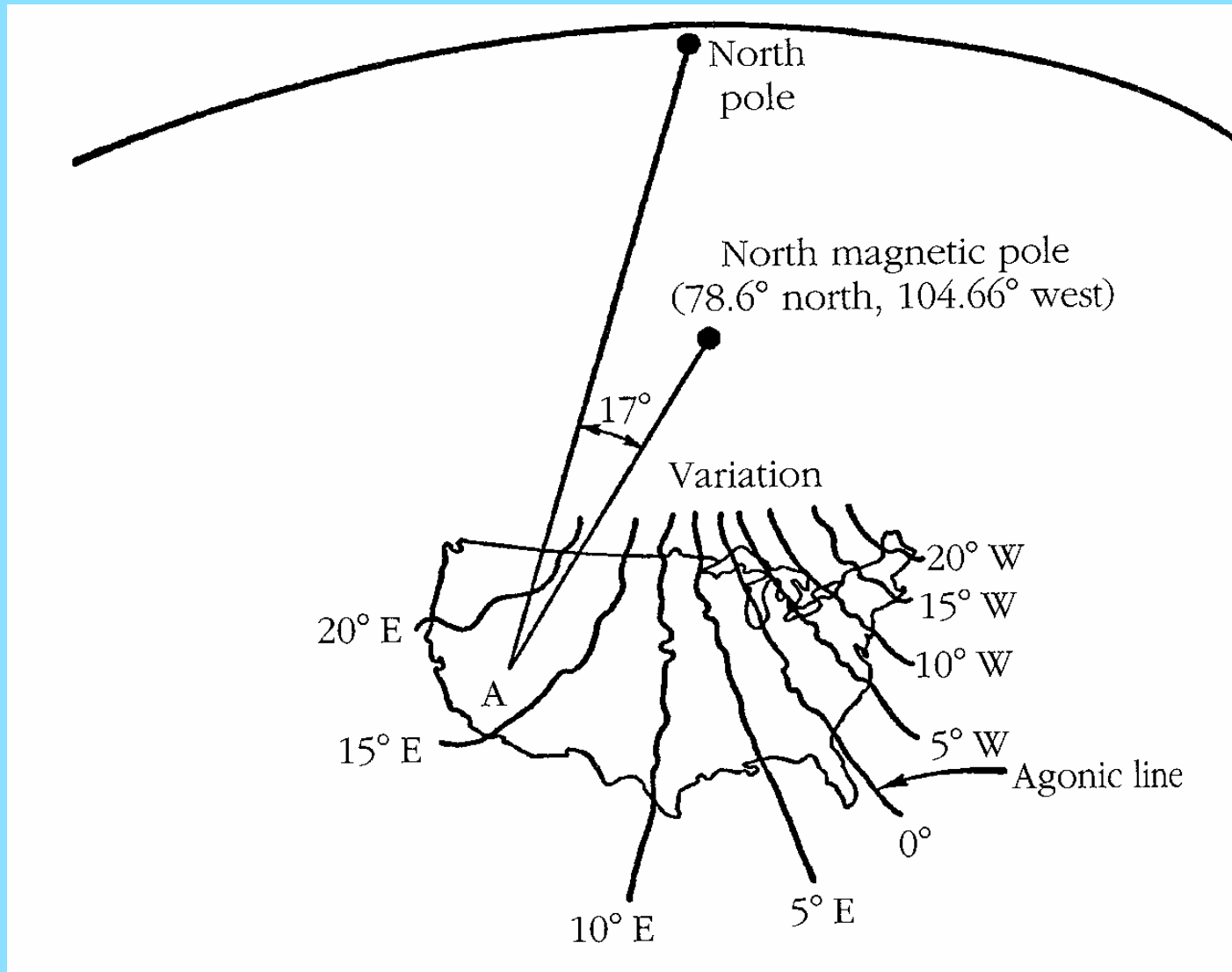
$\delta_m$  = declinazione magnetica

# Bussola magnetica

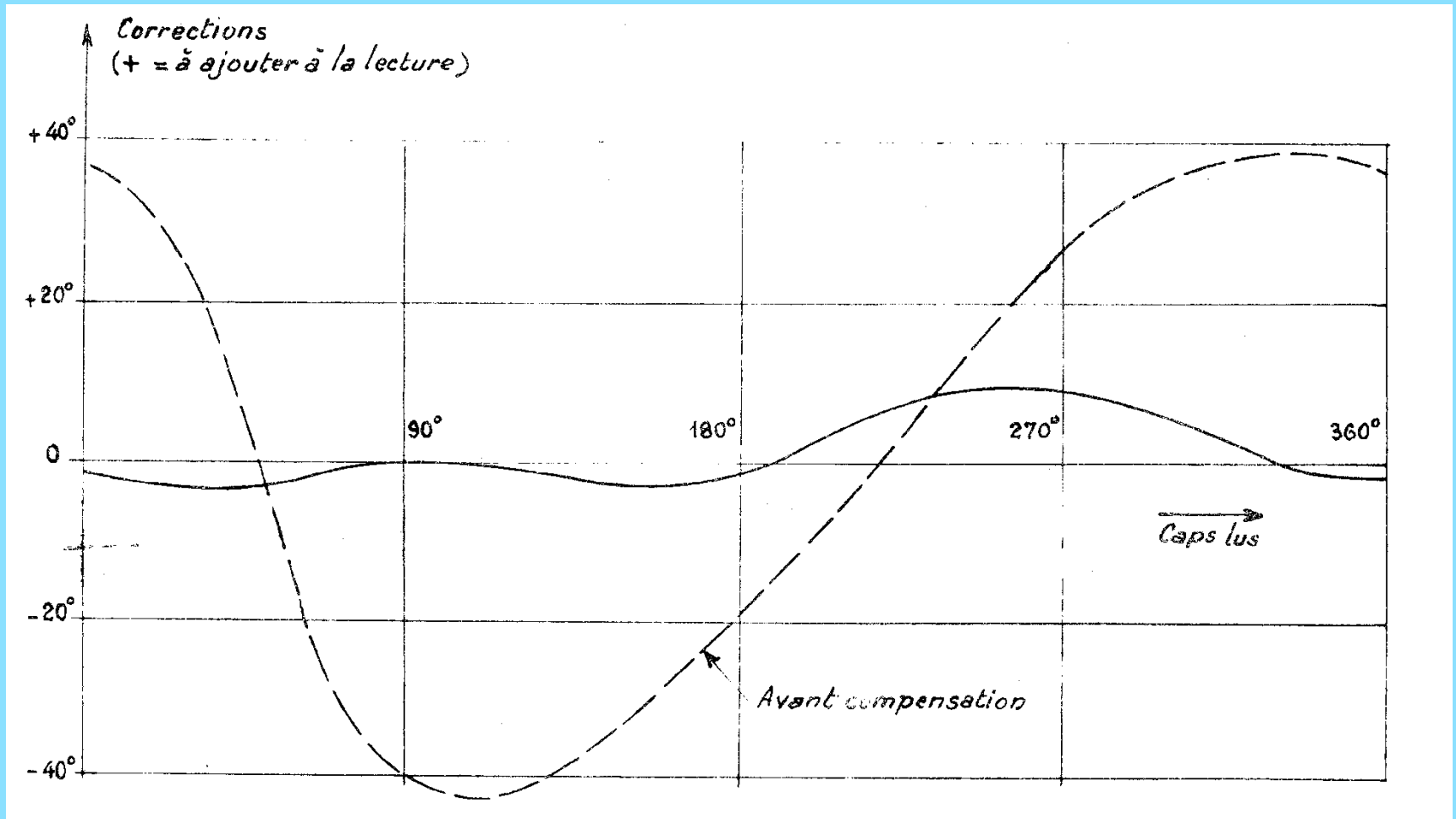


$\delta_m$  = declinazione magnetica

# Linee isogoniche



# Deviazione magnetica



## Hard iron magnetism

di natura permanente dovuto a componenti costruiti con materiale ferromagnetico.

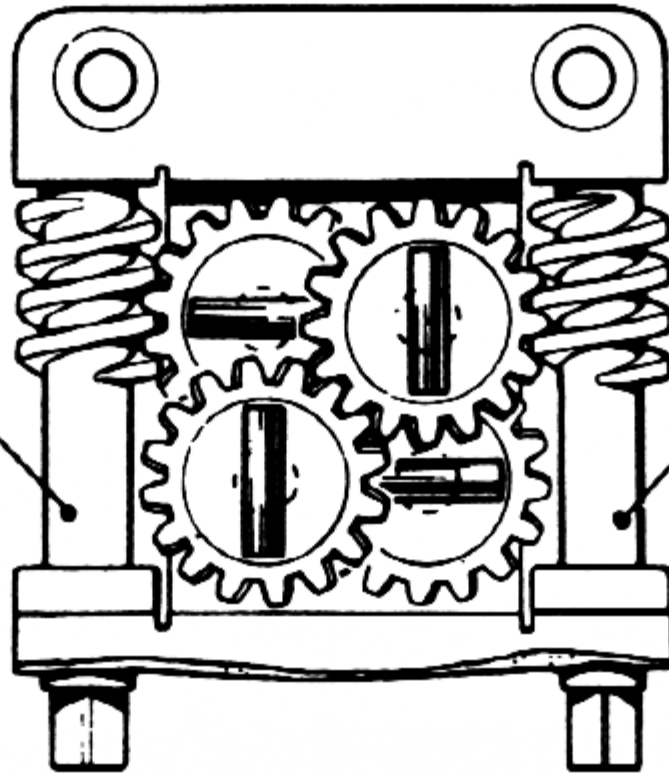
## Soft iron magnetism

di natura temporanea, dovuto a componenti costruiti con materiale che si magnetizza per effetto del campo magnetico terrestre. Esso dipende dalla prua, assetto e posizione sulla terra del velivolo.

$$d = A + B \sin C_c + C \cos C_c + D \sin 2C_c + E \cos 2C_c$$

$C_c$  = prua dell'aereo

**B**  
E/W ADJUSTER



**C**  
N/S ADJUSTER

# Deviazione magnetica

NAVIGATOR'S COMPASS			
SWUNG: 29 JUNE		BY: H.C.N.	
TO FLY	STEER	TO FLY	STEER
N	000	180	177
15	016	195	192
30	031	210	208
45	047	225	223
60	062	240	238
75	078	255	254
90	092	270	270
105	106	285	285
120	120	300	301
135	134	315	316
150	149	330	331
165	163	345	345



# Remote compass



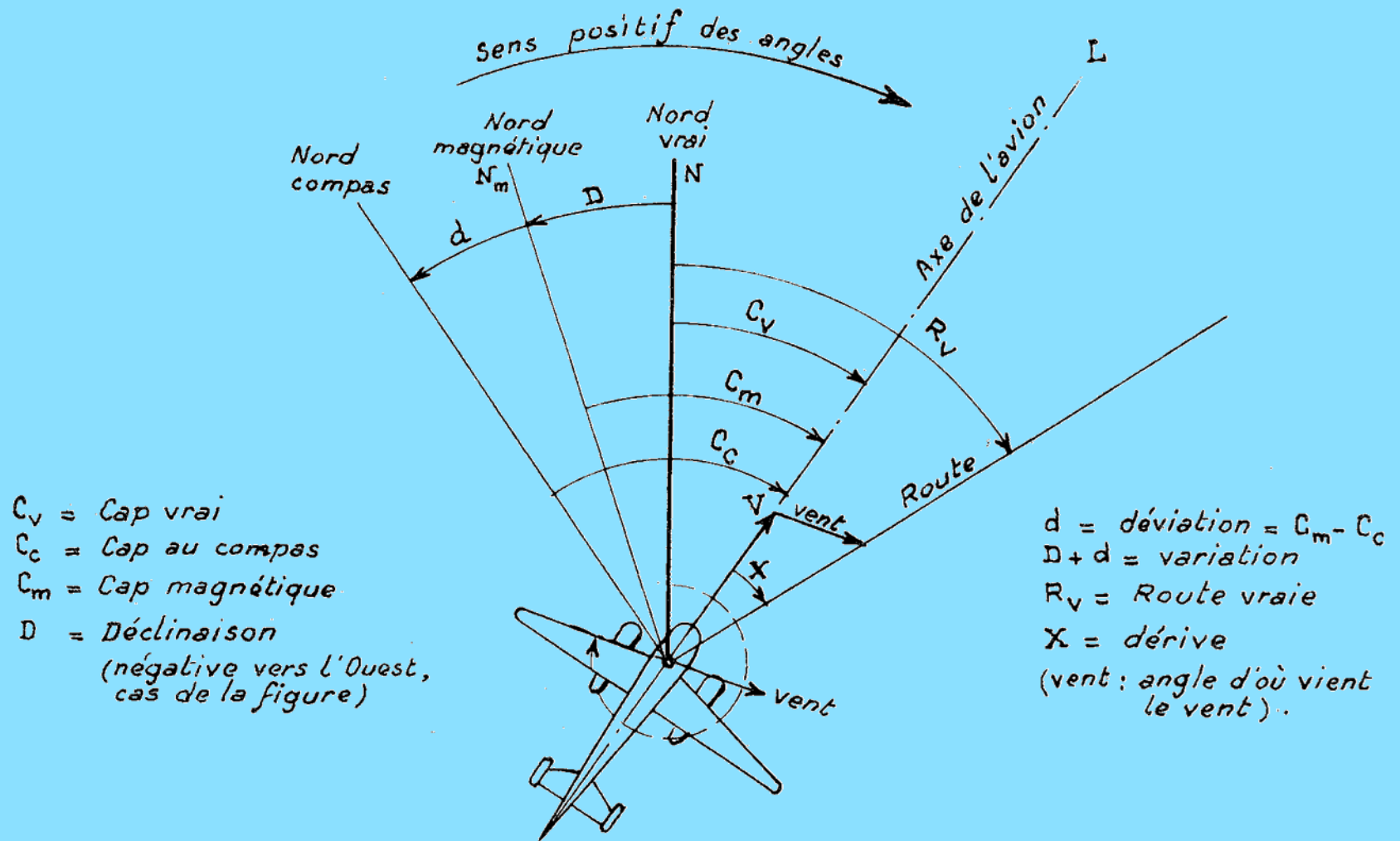
Il sensore di campo magnetico viene collocato dove le interferenze siano le minori possibili e quindi anche lontano dal punto di impiego della informazione, che deve essere trasmessa.



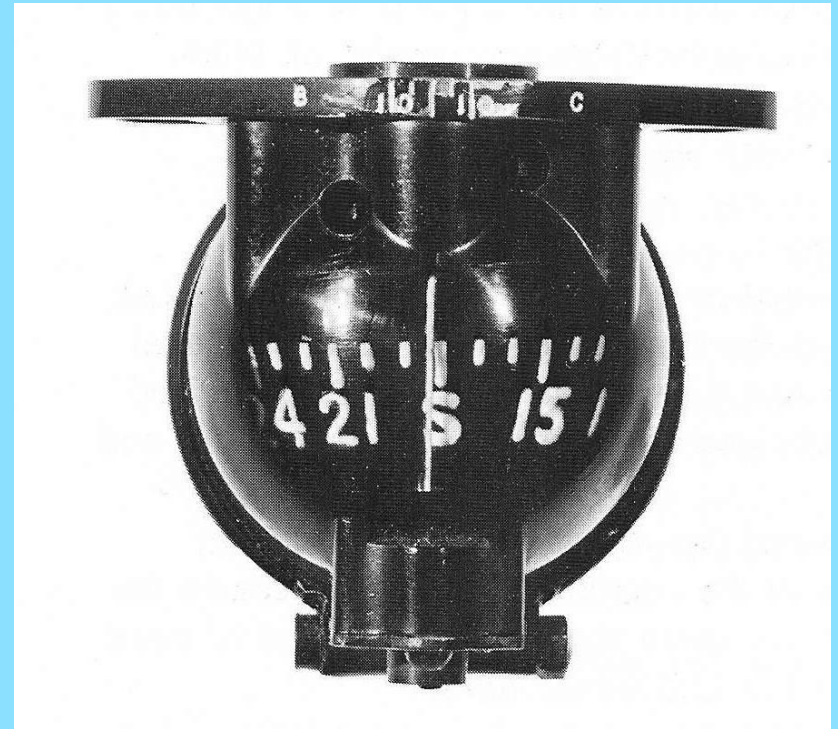
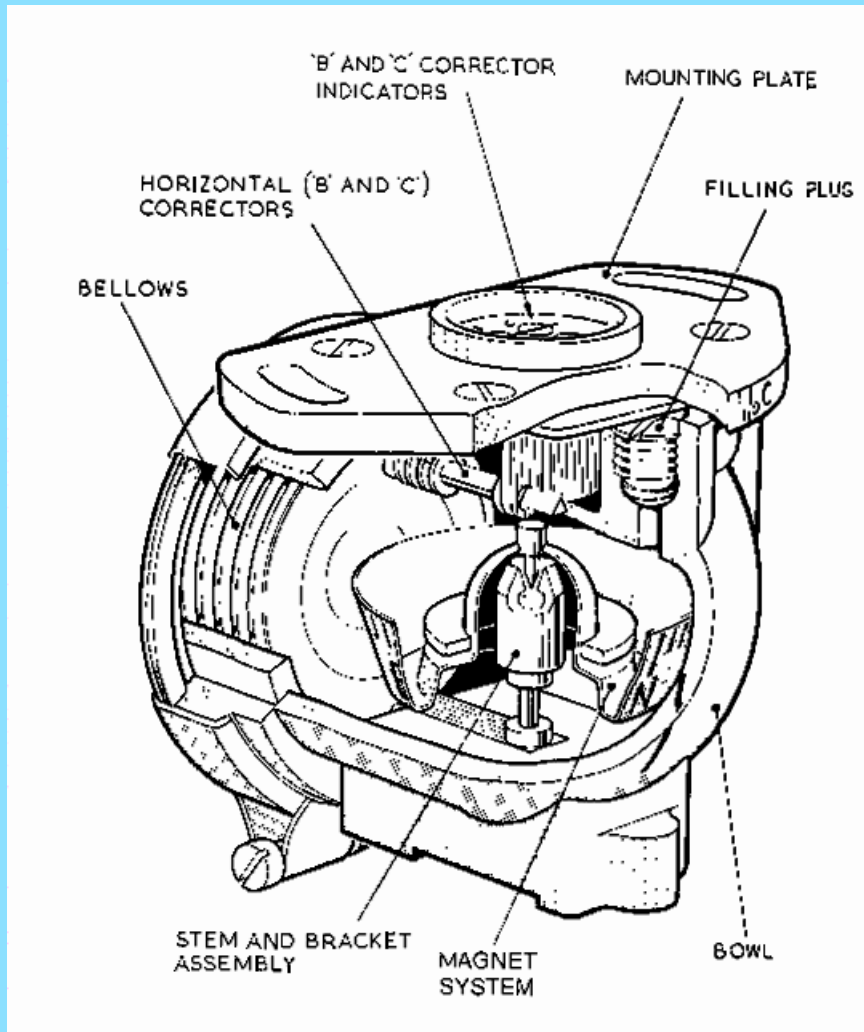
COMPASS SYSTEM  
GYRO & AMPLIFIER

LUGGAGE COMP

# Prue

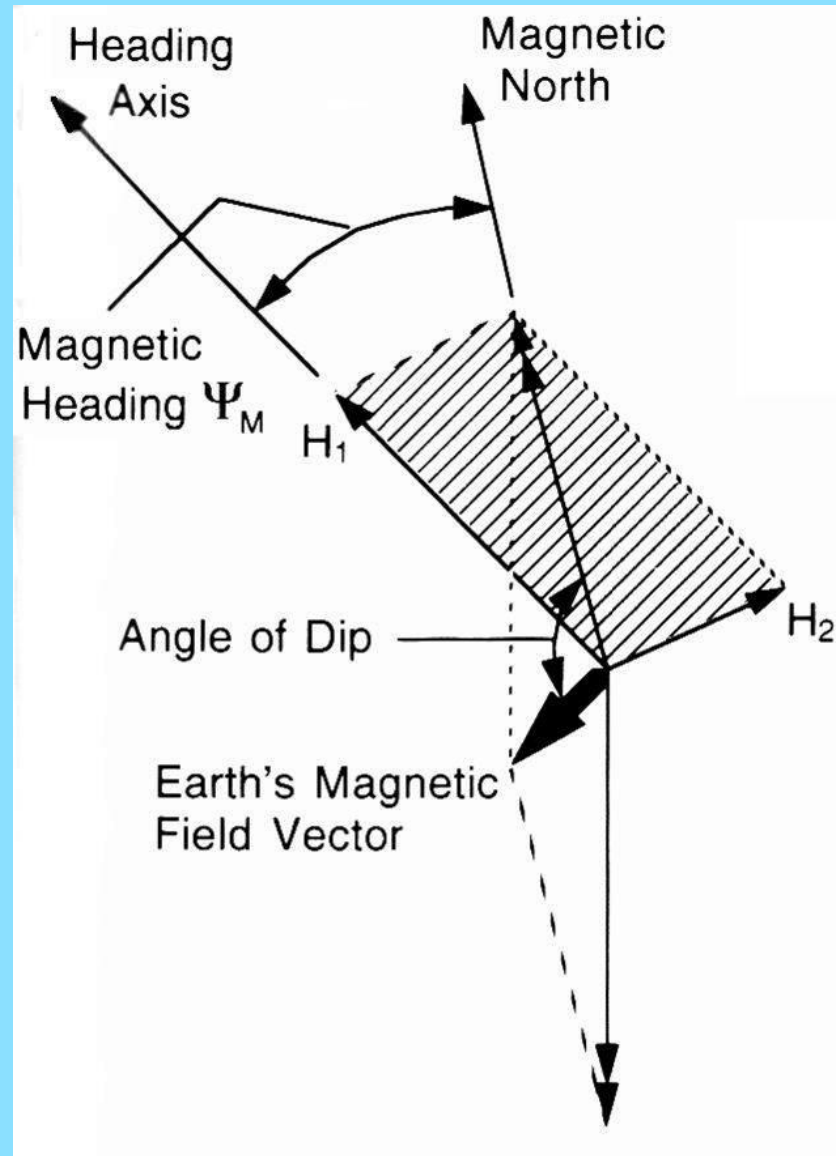


# Bussola magnetica

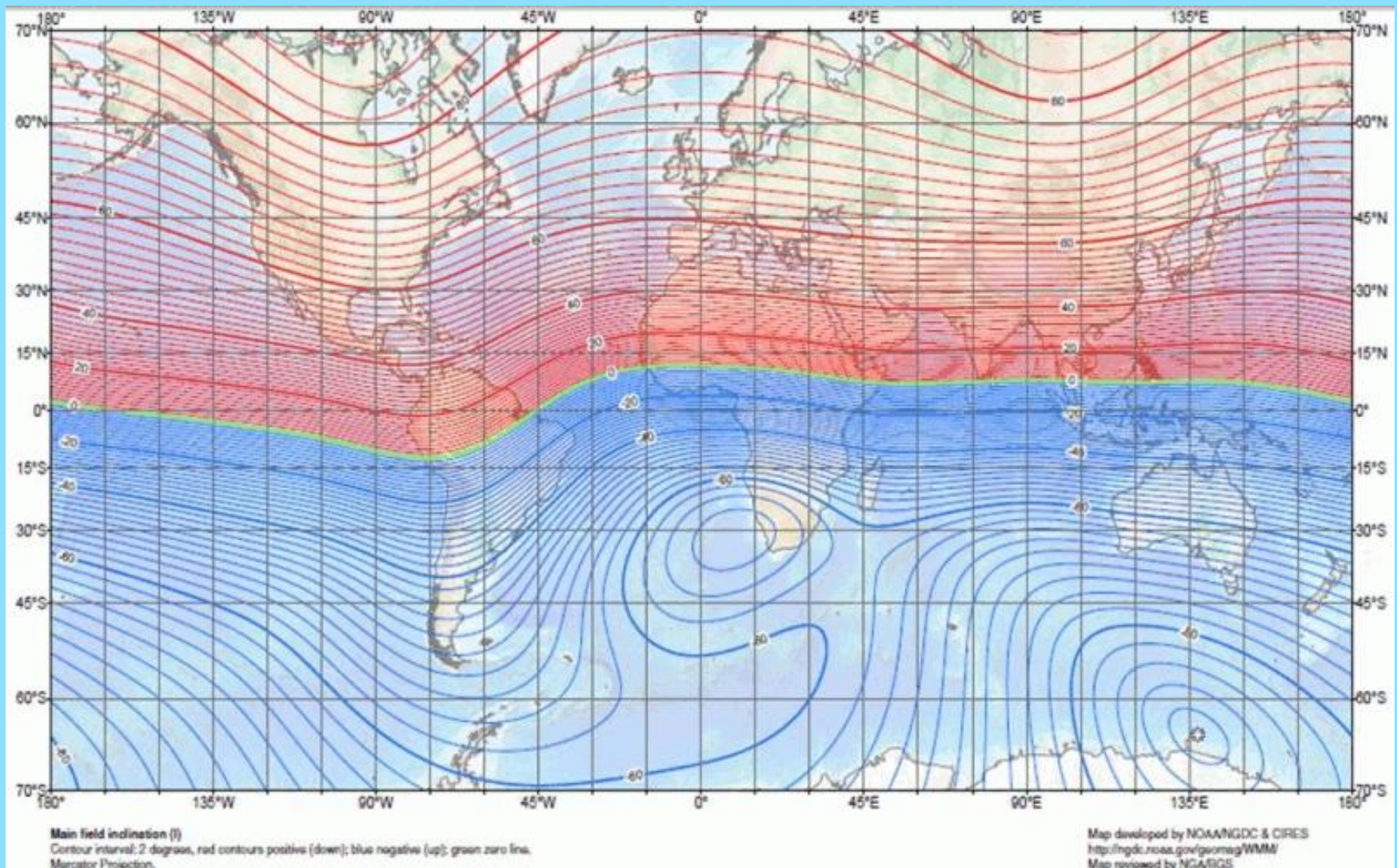




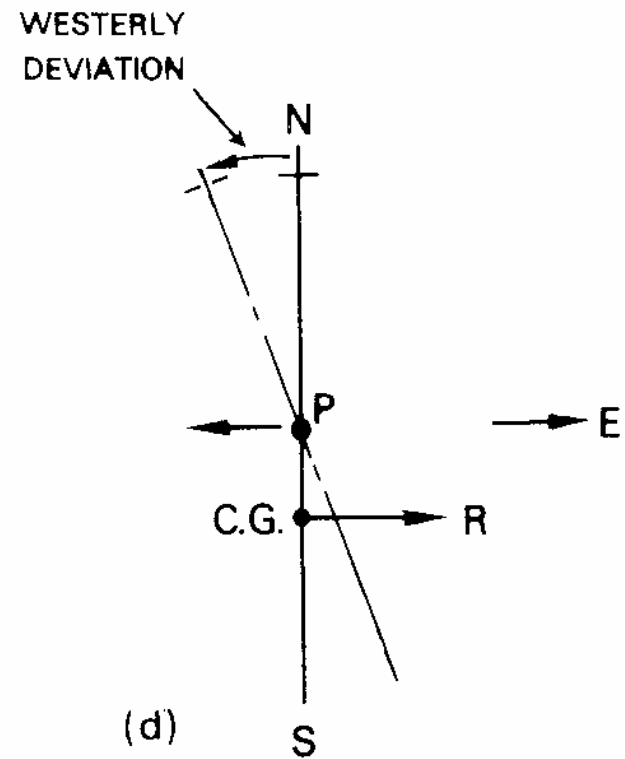
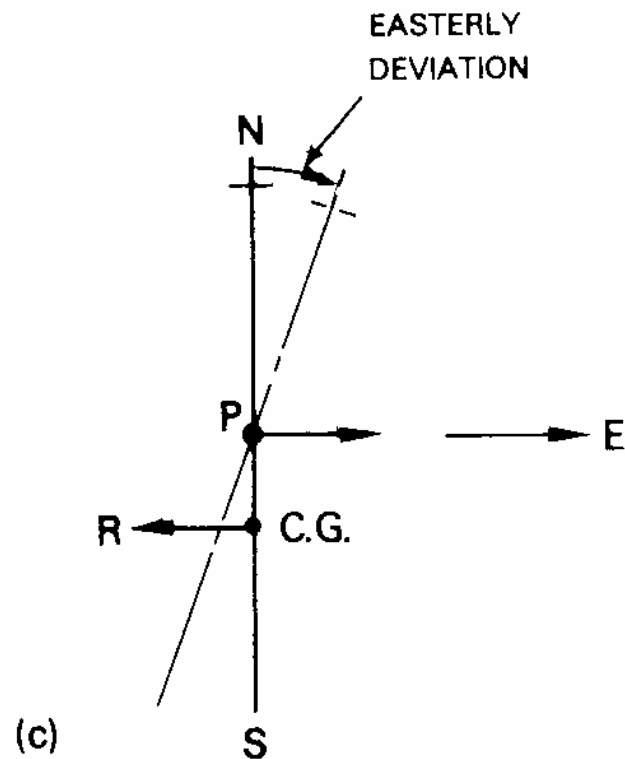
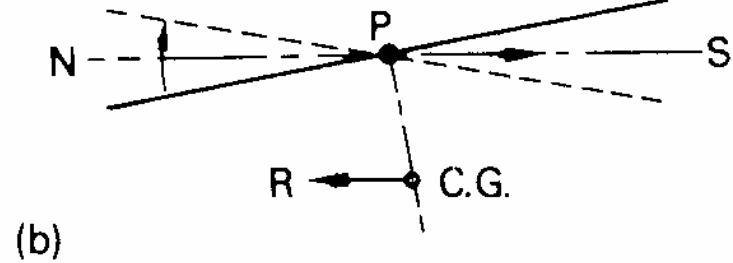
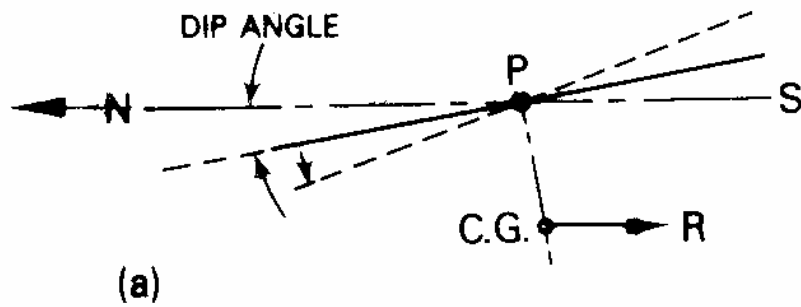
# Inclinazione dell'ago magnetico



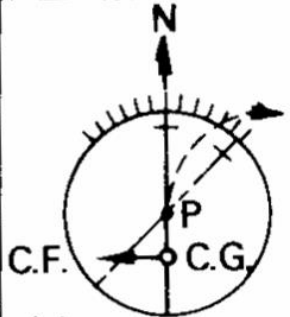
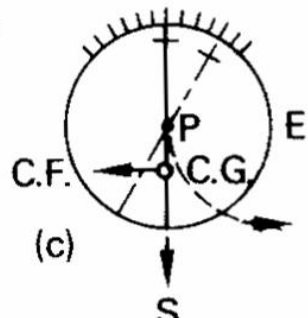
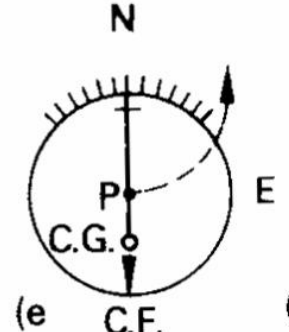
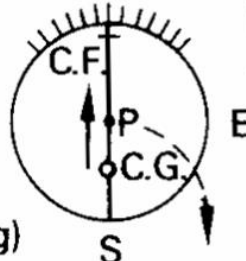
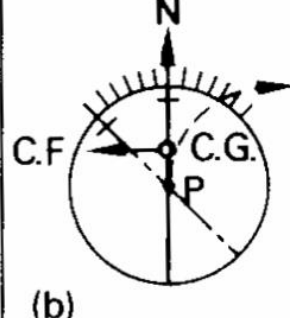
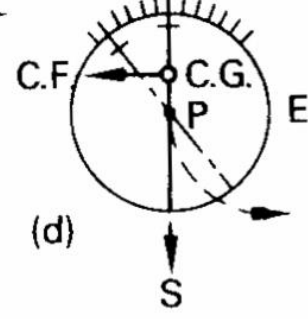
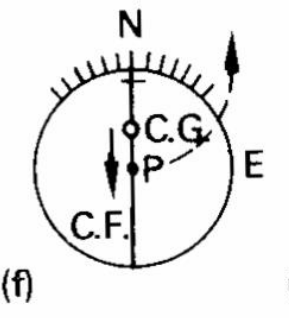
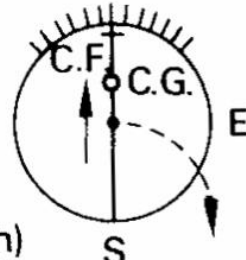
# Magnetic Dip



# Inclinazione dell'ago magnetico



# Effetti delle manovre

HEMISPHERE	TURNING EAST FROM NORTHERLY HEADING	TURNING EAST FROM SOUTHERLY HEADING	TURNING FROM EAST TO NORTH OR WEST TO NORTH	TURNING FROM EAST TO SOUTH OR WEST TO SOUTH
NORTHERN	 <p>(a)</p>	 <p>(c)</p>	 <p>(e)</p>	 <p>(g)</p>
SOUTHERN	 <p>(b)</p>	 <p>(d)</p>	 <p>(f)</p>	 <p>(h)</p>



# Effetti delle manovre

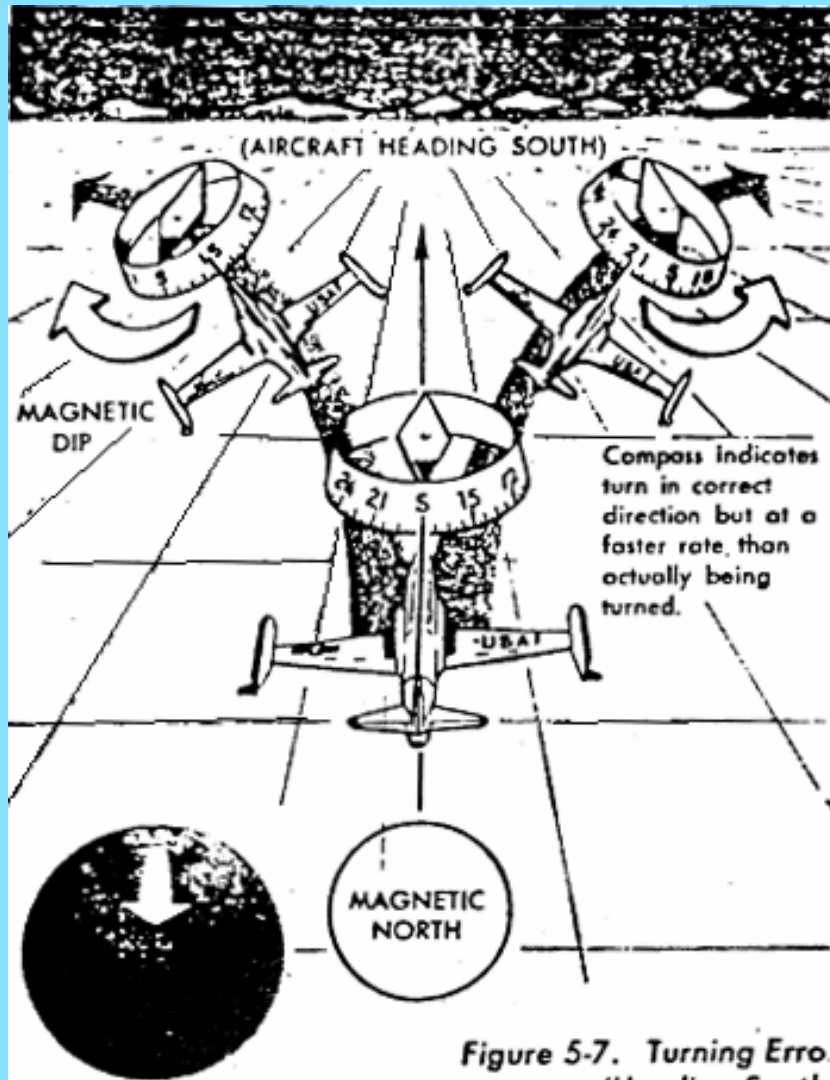


Figure 5-7. Turning Error (Heading South)

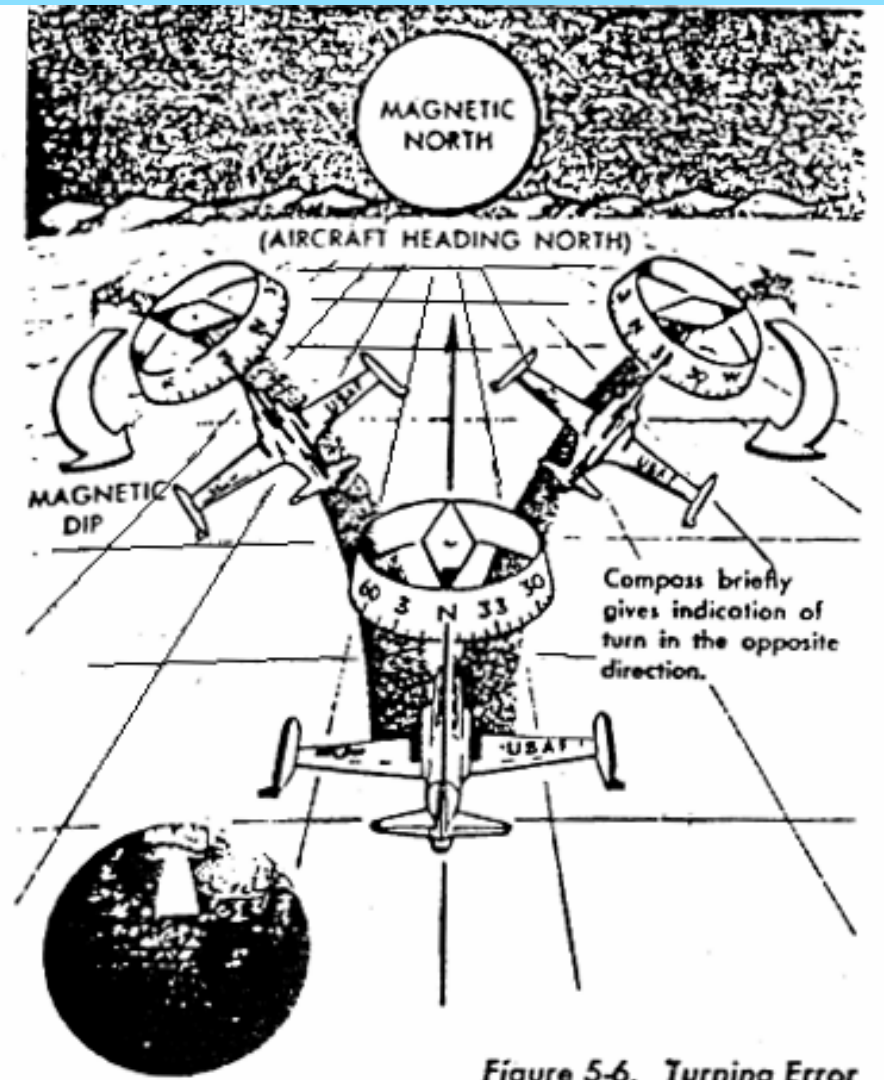


Figure 5-6. Turning Error (Heading North)

# Effetti delle accelerazioni

