

# Compass Calibration Log

MODForm712B

(Revised Nov 89)

PPQ = 50

(For Systems with A-E Correctors)

Aircraft Type and Mark \_\_\_\_\_

Serial No \_\_\_\_\_

Date					MOD Form 720 ORN														
Place					Reason for Swing														
Name																			
Main		Standby		Time	Start		Finish		IN Drift										
IN WDC 1		IN WDC 2		W/V	Start		Finish		W/V Rmks										

Aircraft Mag Heading (± 5°)	INCDU True Heading	Local Mag Variation (W= -)	Datum Mag Heading b-c	Main Compass Mag Heading	Deviation d-e	Standby Compass Heading	Deviation d-g
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
E(090)							
S(180)							
W(270)							
N(000)							
	Coefficient Xe or C						'C' - CRN (N-S)
	Make Compass Read						
	Coefficient A						'A' - CRN
	Make Compass Read						
	Coefficient E						
	Make Compass Read						
E(090)							
	Coefficient Ye or B						'B' - CRN (E-W)
	Make Compass Read						
SE(135)							
SW(225)							
NW(315)							
NE(045)							
	Coefficient D						
	Make Compass Read						
E(090)							
S(180)							
W(270)							
N(000)							

A, B, C, E, Xe or Ye (Main) } Any Unacceptable: Transfer E, S, W, N, Figures in Columns (e) and (f) and / or (g) and (h) to Next Page  
 A, B, or C (Standby) } All Acceptable: Complete NE, SE, SW, NW and Calculate 'D' (Main)

SE(135)							
SW(225)							
NW(315)							
NE(045)							

D Unacceptable: Transfer SE, SW, NW, NE Figures in Columns (e) and (f) and / or (g) and (h) to Next Page

D Acceptable : Enter Final Calibration Results Below

### Residual Coefficients

Main : A \_\_\_\_\_ B/Ye \_\_\_\_\_ C/Xe \_\_\_\_\_ D \_\_\_\_\_ E \_\_\_\_\_ Standby: A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_

### Fourier Analysis

Analysis Results: 50% Deviation Error \_\_\_\_\_ 50% A Error \_\_\_\_\_ 50% B-E Error \_\_\_\_\_

Calculated Deviations: A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D \_\_\_\_\_ E \_\_\_\_\_

Navigation Officer's Remarks: \_\_\_\_\_

Residual Deviations		HDG (M)	Critical Headings	
			Main	Standby
Minus / West	0	Plus / East		
		000		
		045		
		090		
		135		
		180		
		225		
		270		
		315		
		360		
	0			