

KC-130 COMPASS CALIBRATION WORKSHEET

VMGR-_____ COM/NAV SHOP

BUNO -	MODEX -	DATE SWUNG - / /	JULIAN DATE -
LOCATION SWUNG -		LOC CAL DATE -	
MAF MCN -	REASON -	BY -	

TASK	CDI INITIALS
1. Reserve the Compass Rose with Production Control (x-2999) and verify/record location cal date above.	
2. Verify and record the wind value from tower (567-9311). Wind Value: _____ kts.	
3. In addition to regular ATAF's, ATAF just prior to line (Squadron area) departure.	
4. In addition to regular ATAF's, ATAF upon immediate arrival at swing area.	
5. Record and verify heading calculations on below chart, per GAH-2-8 Ch. 14.	
6. Record and verify compass offset (15° increments) on below chart, ensure values are within tolerance for aircraft affectivity, per GAH-2-8 Ch. 14.	
7. In addition to regular ATAF's, ATAF just prior to swing area departure.	
8. In addition to regular ATAF's, ATAF upon immediate arrival at line (Squadron area).	
9. Transfer compass data to compass cards (NSN - 6055-00-584-4227) and insert in aircraft (remove all previous cards), per GAH-2-8 Ch. 14.	
10. Ensure VIDS-MAF sign-off includes: (a) Method of calibration used, (b) Reason for calibration, (c) Date and location performed, (d) Types of items calibrated (C-12 and/or STBY). If a full swing (C-12 and STBY) was NOT completed, ensure to note it clearly.	
11. Provide a copy of Compass Calibration Worksheet to Compass Cal Manager.	
12. Forward this Worksheet to Maintenance Admin for storage in Aircraft Logbook Vol I (back cover envelope). Ensure all previous Compass Worksheets and Cards are removed from the logbook.	

NOSE OFFSET	
TAIL OFFSET	-
SUBTRACT ABOVE <small>*IF VALUE IS ABOVE 10, RE-SPOT AIRCRAFT</small>	=
RECORD CHART VALUE (FIG 3-6) FOR ABOVE RESULT	
DIVIDED CHART VALUE BY 60 <small>SET CALIBRATOR TO THIS VALUE</small>	=

HDG	STBY	PLT#1	PLT#2	CP #1	CP#2	NAV#1	NAV#2	HDG	STBY	PLT#1	PLT#2	CP#1	CP#2	NAV#1	NAV#2
000								180							
015								195							
030								210							
045								225							
060								240							
075								255							
090								270							
105								285							
120								300							
135								315							
150								330							
165								345							