



PT. SMART CAKRAWALA AVIATION COMPASS SWING FORM

Form: SCA/MTC/026

DATE : 27 April 2021
PLACE : Timika Sta.
OWNER : PT. Smart Cakrawala Aviation
REASON : Due for Swing Calibration Check

A/C REG : PK-SNM
A/C MSN : 208 00655
COMPASS TYPE NO : Standby (C660501-0103)
VALID UNTIL : APRIL 2026

ADJUSTED BY:
1. NO ADJUSTMENT
2.

CORRECTING SWING

REFERENCE	ACTUAL COURSE	AIRCRAFT COMPASS	DEVIATION	CO – EFFICIENTS										
N. 000	002	360	+2	$\begin{aligned} \text{"C"} &= \frac{\text{DEV. N} - \text{DEV. S}}{2} \\ &= \frac{(+2) - (0)}{2} \\ &= \mathbf{+1} \end{aligned}$ $\begin{aligned} \text{"B"} &= \frac{\text{DEV. E} - \text{DEV. W}}{2} \\ &= \frac{(+1) - (-3)}{2} \\ &= \mathbf{+2} \end{aligned}$										
E. 090	091	090	+1											
S. 180	180	180	0											
CO – EFFICIENT "C"		+1												
CORRECTED (PLEASE ✓)		YES	NO											
			✓											
MAKE COMPASS READ														
W. 270	267	270	-3											
CO – EFFICIENT "B"		+2												
CORRECTED (PLEASE ✓)		YES	NO											
			✓											
MAKE COMPASS READ														
CHECK SWING			DEV	FOR	STEER	$\begin{aligned} \text{"A"} &= \frac{\text{TOTAL}}{12} \\ &= \frac{+1}{12} \\ &= \mathbf{+0.08} \end{aligned}$ <table border="1"> <tr> <td>CO-EFFICIENT "A"</td> <td colspan="2">+0.08</td> </tr> <tr> <td rowspan="2">CORRECTED (PLEASE ✓)</td> <td>YES</td> <td>NO</td> </tr> <tr> <td></td> <td>✓</td> </tr> </table>	CO-EFFICIENT "A"	+0.08		CORRECTED (PLEASE ✓)	YES	NO		✓
CO-EFFICIENT "A"	+0.08													
CORRECTED (PLEASE ✓)	YES	NO												
		✓												
300	301	300	+1	300	299									
330	330	330	0	330	330									
N	002	360	+2	360	358									
030	033	030	+3	030	027									
060	063	060	+3	060	057									
E	091	090	+1	090	089									
120	121	120	+1	120	119									
150	149	150	-1	150	151									
S	180	180	0	180	180									
210	207	210	-3	210	213									
240	237	240	-3	240	243									
W	267	270	-3	270	273									
TOTAL DEV.			+1											

NOTE : ENGINE : **ON / OFF**
RADIO : **ON / OFF**

Tools used :
PN : 1686-REV
SN : 752829/05
Due Cal : **13/09/2022**

JAKARTA, 28 April 2021
APPROVED BY

YANUAR ABDUL FATAH
(CHIEF INSPECTOR)