



PT. SMART CAKRAWALA AVIATION COMPASS SWING FORM

Form: SCA/MTC/026

DATE : 17 July 2020
PLACE : Timika
OWNER : PT. Smart Cakrawala Aviation

A/C REG : PK-SNV
A/C MSN : 208B 5551

ADJUSTED BY

REASON : Due for Swing Calibration Check

COMPASS TYPE NO : Standby (C660501-0103)
VALID UNTIL : July 2025

1. SAMPURNA H
2. BRAMONO ONLY T

CORRECTING SWING

REFERENCE	ACTUAL COURSE	AIRCRAFT COMPASS	DEVIATION	CO – EFFICIENTS											
N. 000	001	360	+1	$\begin{aligned} \text{"C"} &= \frac{\text{DEV. N} - \text{DEV. S}}{2} \\ &= \frac{(+1) - (-2)}{2} \\ &= 1.5 \end{aligned}$ $\begin{aligned} \text{"B"} &= \frac{\text{DEV. E} - \text{DEV. W}}{2} \\ &= \frac{(-1) - (-2)}{2} \\ &= 0.5 \end{aligned}$											
E. 090	089	090	-1												
S. 180	178	180	-2												
CO – EFFICIENT "C"		1.5													
CORRECTED (PLEASE ✓)		YES	NO												
			✓												
MAKE COMPASS READ															
W. 270	268	270	-2												
CO – EFFICIENT "B"		0.5													
CORRECTED (PLEASE ✓)		YES	NO												
			✓												
MAKE COMPASS READ															
CHECK SWING				DEV	FOR	STEER	$\begin{aligned} \text{"A"} &= \frac{\text{TOTAL}}{12} \\ &= \frac{-2}{12} \\ &= -0.166 \end{aligned}$ <table border="1"> <tr> <td>CO-EFFICIENT "A"</td> <td colspan="2">-0.166</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"	-0.166		CORRECTED (PLEASE ✓)	YES	NO		✓
CO-EFFICIENT "A"	-0.166														
CORRECTED (PLEASE ✓)	YES	NO													
		✓													
300	300	300	0	300	300										
330	332	330	+2	330	328										
N	001	360	+1	360	359										
030	033	030	+3	030	027										
060	060	060	0	060	060										
E	089	090	-1	090	091										
120	117	120	-3	120	123										
150	148	150	-2	150	152										
S	178	180	-2	180	182										
210	212	210	+2	210	208										
240	238	240	-2	240	242										
W	270	270	0	270	270										
TOTAL DEV.			-2												

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

JAKARTA, July 18, 2020

Tools used :
PN : 1686-REV
SN : 752829/05
Due Cal : 28/08/2020

APPROVED BY


(YANUAR ABDUL FATAH)

