



PT. SMART CAKRAWALA AVIATION COMPASS SWING FORM

Form: SCA/MTC/026

DATE : 16 July 2020
PLACE : Timika Sta.
OWNER : PT. Smart Cakrawala
Aviation

A/C REG : PK-SNK
A/C MSN : 208 00658

ADJUSTED BY:

REASON : Due for Swing Calibration Check
COMPASS TYPE NO : Standby (C660501-0103)
VALID UNTIL : 17 July 2025

1. SAMPURNA H
2. BRAMONO ONLY T

CORRECTING SWING

REFERENCE	ACTUAL COURSE	AIRCRAFT COMPASS	DEVIATION	CO - EFFICIENTS											
N. 000	001	360	+1	$\begin{aligned} \text{"C"} &= \frac{\text{DEV. N} - \text{DEV. S}}{2} \\ &= \frac{(+1) - (-3)}{2} \\ &= 2 \end{aligned}$ $\begin{aligned} \text{"B"} &= \frac{\text{DEV. E} - \text{DEV. W}}{2} \\ &= \frac{(+2) - (-2)}{2} \\ &= 2 \end{aligned}$											
E. 090	092	090	+2												
S. 180	177	180	-3												
CO - EFFICIENT "C"		+2													
CORRECTED (PLEASE √)	YES	NO													
		√													
MAKE COMPASS READ															
W. 270	268	270	-2												
CO - EFFICIENT "B"		+2													
CORRECTED (PLEASE √)	YES	NO													
		√													
MAKE COMPASS READ															
CHECK SWING				DEV	FOR	STEER	$\begin{aligned} \text{"A"} &= \frac{\text{TOTAL}}{12} \\ &= \frac{-3}{12} \\ &= -0.25 \end{aligned}$ <table border="1"> <tr> <td>CO-EFFICIENT "A"</td> <td colspan="2">-0.25</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"	-0.25		CORRECTED (PLEASE √)	YES	NO		√
CO-EFFICIENT "A"	-0.25														
CORRECTED (PLEASE √)	YES	NO													
		√													
300	299	300	-1	300	301										
330	330	330	0	330	330										
N	001	360	+1	360	359										
030	033	030	+3	030	027										
060	063	060	+3	060	057										
E	092	090	+2	090	088										
120	121	120	+1	120	119										
150	149	150	-1	150	151										
S	177	180	-3	180	183										
210	207	210	-3	210	213										
240	237	240	-3	240	243										
W	268	270	-2	270	272										
TOTAL DEV.			-3												

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

JAKARTA, 16 JULY 2020

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

APPROVED BY:


(YANUAR ABDUL FATAH)