



PT. SMART CAKRAWALA AVIATION COMPASS SWING FORM

Form: SCA/MTC/026

DATE : 20th November 2020
PLACE : NABIRE
OWNER : PT. Smart Cakrawala Aviation
REASON : After Engine Replacement

A/C REG : PK-SNS
A/C MSN : 208B2341
COMPASS TYPE NO : Standby (C660501-0103)
VALID UNTIL : November 2025

ADJUSTED BY
1. BRAMONO ONY TRIANTO
2. FEBRI HERMAWAN

CORRECTING SWING

REFERENCE	ACTUAL COURSE	AIRCRAFT COMPASS	DEVIATION	CO – EFFICIENTS										
N. 000	001	360	+1	$\begin{aligned} \text{"C"} &= \frac{\text{DEV. N} - \text{DEV. S}}{2} \\ &= \frac{(+1) - (-2)}{2} \\ &= 1.5 \end{aligned}$ $\begin{aligned} \text{"B"} &= \frac{\text{DEV. E} - \text{DEV. W}}{2} \\ &= \frac{(0) - (+2)}{2} \\ &= -1 \end{aligned}$										
E. 090	090	090	0											
S. 180	178	180	-2											
CO – EFFICIENT "C"		1.5												
CORRECTED (PLEASE √)		YES	NO											
			√											
MAKE COMPASS READ														
W. 270	272	270	+2											
CO – EFFICIENT "B"		-1												
CORRECTED (PLEASE √)		YES	NO											
			√											
MAKE COMPASS READ														
CHECK SWING			DEV	FOR	STEER	$\begin{aligned} \text{"A"} &= \frac{\text{TOTAL}}{12} \\ &= \frac{-6}{12} \\ &= -0.5 \end{aligned}$ <table border="1"> <tr> <td>CO-EFFICIENT "A"</td> <td colspan="2">-0.333</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"	-0.333		CORRECTED (PLEASE √)	YES	NO		√
CO-EFFICIENT "A"	-0.333													
CORRECTED (PLEASE √)	YES	NO												
		√												
300	298	300	-2	300	302									
330	332	330	+2	330	328									
N	001	360	+1	360	359									
030	030	030	0	030	030									
060	058	060	-2	060	062									
E	090	090	0	090	090									
120	117	120	-3	120	123									
150	147	150	-3	150	153									
S	178	180	-2	180	182									
210	211	210	+1	210	209									
240	240	240	0	240	240									
W	272	270	+2	270	268									
TOTAL DEV.			- 6											

NOTE : ENGINE : OFF
RADIO : ON

JAKARTA, 21 NOVEMBER 2020

APPROVED BY

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



(YANUAR ABDUL FATAH)
CHIEF INSPECTOR