



PT. SMART CAKRAWALA AVIATION COMPASS SWING FORM

Form: SCA/MTC/026

DATE : 16 DEC 2022
PLACE : TANAH MERAH
OWNER : PT. SMART CAKRAWALA
REASON : ENGINE REPLACEMENT

A/C REGN : PK-SNO
A/C MSN : 208B2375
COMPASS TYPE NO : STANBY COMPASS
VALID UNTIL : 16 DECEMBER 2027

ADJUSTED BY :
1. NO ADJUSTMENT

CORRECTING SWING

REFERENCE	ACTUAL COURSE	AIRCRAFT COMPASS	DEVIATION	CO - EFFICIENTS										
N. 000	000	359	-1	$\begin{aligned} \text{"C"} &= \frac{\text{DEV. N} - \text{DEV. S}}{2} \\ &= \frac{(-1) - (1)}{2} \\ &= -1 \\ \text{"B"} &= \frac{\text{DEV. E} - \text{DEV. W}}{2} \\ &= \frac{(0) - (-1)}{2} \\ &= 0.5 \end{aligned}$										
E. 090	090	090	0											
S. 180	180	181	1											
CO - EFFICIENT "C"		-1												
CORRECTED (PLEASE ✓)	YES	NO												
	-	✓												
MAKE COMPASS READ		-												
W. 270	270	269	-1											
CO - EFFICIENT "B"		0.5												
CORRECTED (PLEASE ✓)	YES	NO												
	-	✓												
MAKE COMPASS READ		-												
CHECK SWING			DEV	FOR	STEER	$\begin{aligned} \text{"A"} &= \frac{\text{TOTAL}}{12} \\ &= \frac{-2}{12} \\ &= -0.16 \end{aligned}$ <table border="1"> <tr> <td>CO-EFFICIENT "A"</td> <td colspan="2"></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"			CORRECTED (PLEASE ✓)	YES	NO	-	✓
CO-EFFICIENT "A"														
CORRECTED (PLEASE ✓)	YES	NO												
	-	✓												
300	300	300	0	300	300									
330	329	330	-1	330	331									
N	359	000	-1	N	361									
030	029	030	-1	030	031									
060	060	060	0	060	060									
E	090	090	0	E	090									
120	120	120	0	120	120									
150	151	150	1	150	149									
S	181	180	1	S	179									
210	210	210	0	210	210									
240	240	240	0	240	240									
W	269	270	-1	W	271									
TOTAL DEV.			-2											

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

TANAH MERAH, 16 DECEMBER 2022

APPROVED BY

(YANUAR ABDUL FATAH)
CHIEF INSPECTOR