



PT. SMART CAKRAWALA AVIATION COMPASS SWING FORM

Form: SCA/MTC/026

DATE : 07 OCT 2021 A/C REGN : PK-SNC ADJUSTED BY :
PLACE : PILATUS FACTORY A/C MSN : 1016 1. NO ADJUSTMENT
OWNER : PT. SMART CAKRAWALA COMPASS TYPE NO : STANBY COMPASS
REASON : INITIAL VALID UNTIL : OCTOBER 2026

CORRECTING SWING

REFERENCE	ACTUAL COURSE	AIRCRAFT COMPASS	DEVIATION	CO - EFFICIENTS										
N. 000	000	359	-1	$\begin{aligned} \text{"C"} &= \frac{\text{DEV. N} - \text{DEV. S}}{2} \\ &= \frac{(-1) - (0)}{2} \\ &= -0.5 \end{aligned}$ $\begin{aligned} \text{"B"} &= \frac{\text{DEV. E} - \text{DEV. W}}{2} \\ &= \frac{(1) - (-2)}{2} \\ &= 1.5 \end{aligned}$										
E. 090	90	91	1											
S. 180	180	180	0											
CO - EFFICIENT "C"		-0.5												
CORRECTED (PLEASE √)	YES	NO												
	-	√												
MAKE COMPASS READ		-												
W. 270	270	268	-2											
CO - EFFICIENT "B"		1.5												
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"></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	299	-1	300	301									
330	330	329	-1	330	331									
N	000	359	-1	N	001									
030	030	030	0	030	030									
060	060	060	0	060	060									
E	090	091	1	E	089									
120	120	122	2	120	118									
150	150	151	1	150	149									
S	180	180	0	S	180									
210	210	208	-2	210	212									
240	240	237	-3	240	243									
W	270	268	-2	W	272									
TOTAL DEV.			-6											

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

JAKARTA, 16 November 2021

APPROVED BY

(YANUAR ABDUL FATAH)
CHIEF INSPECTOR