**Revision 5** 

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# **BALI INTERNATIONAL FLIGHT ACADEMY**

Effective: Jun. 2021

# Mission 46

# NDB TRACKING AND INTERCEPTION

STUDENT:	MROSTAN	DATE 1: 3/2/22	DATE 2:
INSTRUCTOR:	RIZKA	ACREG: PK-ROL	A/C REG:
A/C TYPE:	C172	DURATION: 1:00	DURATION:

Exercises		1	2	COMMENTS:		
R-	Engine Start Procedures	5		- ^		
R-	Cockpit Instruments Check	Ś		STUDELT PERFORM 6000.		
R-	VOR Equipment Test	S				
-	NDB Equipment Test	Ŝ		ABLE TO INTERCEPT GOM!		
				ABLE TO INTERCED V		
R-	Full Panel Instrument Flying	S				
1-	NDB Orientation	S		QDR ·		
1-	NDB Bearing Interception			Q", " -		
	<ul> <li>Intercepting QDM</li> </ul>	ς		TRACKING AND HOMING		
	<ul> <li>Intercepting QDR</li> </ul>	_\_S_		Triver NOS /V		
1-	NDB Tracking	1_		WAS OK.		
	<ul> <li>From the Station (QDR)</li> </ul>	S	Ш	WAS OF		
	- To the Station (QDM)	<u>د</u>				
[-	NDB Homing	ڒ		AWARWESS WITH WIND WAS		
l-	Effect of Wind while tracking NDB	5				
	Bearings			6000.		
R-	Transitioning to Visual Flight	ζ		' '		
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K-	Correct use of Checklist		$\square$	OVER AND STORES		
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				POST BRIEF : 00 : 30		

# **COMPLETION STANDARDS:**

- a. Student must demonstrate competency in operating the ADF equipment onboard the aircraft.
- b. Student must demonstrate competency in tracking and intercepting NDB bearings.
- c. Student must demonstrate awareness of the effect of wind while tracking and intercepting NDB bearings and its effect on the ADF needle while compensating for the wind.
- d. Student must maintain altitude within ± 100ft., heading within ± 15° and airspeed within ± 10 kts.

# **SYLLABUS TIMES:**

Total	Dual	FTD	X/C	IF	Ldgs	Night
81:00	1:00			0:50	1	
81:00	1:00			0:50	1	

Student Signature ......

/////////Instructor Signature