

BAI Table – Practice Problems

Ryan Roberts – CFI/CFII/MEI © 2004 HalOzone.com – Rev. 1.0

Pitch	Bank	Power
<ul style="list-style-type: none"> ▪ AI – Attitude Indicator ▪ ALT – Altimeter ▪ VSI - Vertical Speed Indicator ▪ AS – Airspeed 	<ul style="list-style-type: none"> ▪ HI - Heading Indicator ▪ AI - Attitude Indicator ▪ TC - Turn Coordinator ▪ MC - Magnetic Compass 	<ul style="list-style-type: none"> ▪ AS - Airspeed ▪ TACH - Tach/MP

Rules:

1. Any **Instrument that is primary** in one category cannot be primary or secondary in another
2. Any instrument that is **moving** is not used in either primary or supporting

Basic Attitude Table						
Maneuver	Pitch		Bank		Power	
	Primary	Supporting	Primary	Supporting	Primary	Supporting
1. Straight and Level						
2. Airspeed Changes in Level Flight						
3. Transitioning to a Standard Rate Turn						
4. Stabilized level Standard Rate Turn						
5. Airspeed change in level turn						
6. Transitioning to a Constant Rate Climb or Descent						
7. Stabilized Constant Rate Climb or Descent						
8. Transitioning to a Constant Speed Climb or Descent						
9. Stabilized Constant Speed Climb or Descent						

BAI Table – Answers

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Basic Attitude Table [Answers]						
Maneuver	Pitch		Bank		Power	
	Primary	Supporting	Primary	Supporting	Primary	Supporting
1. Straight and Level	ALT	AI VSI	HI	AI TC	AS	TACH
2. Airspeed Changes in Level Flight	ALT	AI VSI	HI	AI TC	TACH	
3. Transitioning to a Standard Rate Turn	ALT	VSI	AI	TC	AS	TACH
4. Stabilized level Standard Rate Turn	ALT	AI VSI	TC	AI	AS	TACH
5. Airspeed change in level turn	ALT	AI VSI	TC	AI	TACH	
6. Transitioning to a Constant Rate Climb or Descent	AS	AI VSI	HI	AI TC	TACH	
7. Stabilized Constant Rate Climb or Descent	VSI	AI	HI	AI TC	AS	TACH
8. Transitioning to a Constant Speed Climb or Descent	AI	VSI	HI	TC	TACH	AS
9. Stabilized Constant Speed Climb or Descent	AS	AI VSI	HI	AI TC	TACH	