

Pt. 121, App. F

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Maneuvers/Procedures	Required		Permitted			
	Simulated instrument conditions	Inflight	Visual simulator	Non-visual simulator	Training device	Waiver provisions of § 121.441(d)
(2) Properly use available navigation facilities.	----	----	----	----	----	----
Either area arrival or area departure, but not both, may be waived under § 121.441(d).						
(b) Holding. This maneuver includes entering, maintaining, and leaving holding patterns. It may be performed in connection with either area departure or area arrival.	B	----	----	B	----	B
(c) ILS and other instrument approaches. There must be the following:						
(1) At least one normal ILS approach.	B	----	B	----	----	----
(2) At least one manually controlled ILS approach with a simulated failure of one powerplant. The simulated failure should occur before initiating the final approach course and must continue to touchdown or through the missed approach procedure.	B	----	----	----	----	----
(3) At least one nonprecision approach procedure that is representative of the non-precision approach procedures that the certificate holder is likely to use.	B	----	B	----	----	----
(4) Demonstration of at least one nonprecision approach procedure on a letdown aid other than the approach procedure performed under subparagraph (3) of this paragraph that the certificate holder is approved to use.	B	----	----	----	B	----
(5) For each type of EFVS operation the certificate holder is authorized to conduct, at least one instrument approach must be made using an EFVS.	B	B*				
Each instrument approach must be performed according to any procedures and limitations approved for the approach facility used. The instrument approach begins when the airplane is over the initial approach fix for the approach procedure being used (or turned over to the final approach controller in the case of a GCA approach) and ends when the airplane touches down on the runway or when transition to a missed approach configuration is completed. Instrument conditions need not be simulated below 100' above touchdown zone elevation.						
(d) Circling approaches. If the certificate holder is approved for circling minimums below 1000–3, at least one circling approach must be made under the following conditions.	----	----	B*	----	----	B*
(1) The portion of the approach to the authorized minimum circling approach altitude must be made under simulated instrument conditions.	B	----	----	----	----	----
(2) The approach must be made to the authorized minimum circling approach attitude followed by a change in heading and the necessary maneuvering by visual reference to maintain a flight path that permits a normal landing on a runway at least 90[degrees] from the final approach course of the simulated instrument portion of the approach.	----	----	----	----	----	----
(3) The circling approach must be performed without excessive maneuvering, and without exceeding the normal operating limits of the airplane. The angle of bank should not exceed 30[degrees].	----	----	----	----	----	----
If local conditions beyond the control of the pilot prohibit the maneuver or prevent it from being performed as required, it may be waived as provided in § 121.441(d): Provided, however, that the maneuver may not be waived under this provision for two successive proficiency checks.						