



# Federal Aviation Administration

## CHARTING NOTICE

Date: April 29, 2013

To: Users of the Terminal Procedures Publication (TPP) and the Users of the Digital Terminal Procedures Publication (d-TPP) DVD.

From: Aeronautical Navigation Products (AeroNav Products)

Subject: New Expanded Circling Approach Criteria

Effective for the **May 2, 2013** chart publication date, Terminal Instrument Procedures (TERPS) Change 21 criteria will be applied to amend affected approach charts. The TERPS Change 21 criterion expands circling approach area dimensions to provide improved obstacle protection. For a detailed explanation of this new criteria, reference the text and tables located on pages B1 & B2 of the Terminal Procedures Publication. All affected procedures will have a negative C icon (“-C”) on the circling line of minima where new criteria has been applied. Further guidance will be published in the Aeronautical Information Manual (AIM) in the near future.

### STANDARD CIRCLING APPROACH MANEUVERING RADIUS

Circling approach protected areas developed prior to late 2012 used the radius distances shown in the following table, expressed in nautical miles (NM), dependent on aircraft approach category. The approaches using standard circling approach areas can be identified by the absence of the **C** symbol on the circling line of minima.

Circling MDA in feet MSL	Approach Category and Circling Radius (NM)				
	CAT A	CAT B	CAT C	CAT D	CAT E
All Altitudes	1.3	1.5	1.7	2.3	4.5

### **C** EXPANDED CIRCLING APPROACH MANEUVERING AIRSPACE RADIUS

Circling approach protected areas developed after late 2012 use the radius distance shown in the following table, expressed in nautical miles (NM), dependent on aircraft approach category, and the altitude of the circling MDA, which accounts for true airspeed increase with altitude. The approaches using expanded circling approach areas can be identified by the presence of the **C** symbol on the circling line of minima.

Circling MDA in feet MSL	Approach Category and Circling Radius (NM)				
	CAT A	CAT B	CAT C	CAT D	CAT E
1000 or less	1.3	1.7	2.7	3.6	4.5
1001-3000	1.3	1.8	2.8	3.7	4.6
3001-5000	1.3	1.8	2.9	3.8	4.8
5001-7000	1.3	1.9	3.0	4.0	5.0
7001-9000	1.4	2.0	3.2	4.2	5.3
9001 and above	1.4	2.1	3.3	4.4	5.5