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Project Name: VRB - NEW CIRCLING AREAS

Project Reason: NEW CIRCLING AREAS EVALUATED ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. Only Circling Areas Evaluated. No other lines of minima evaluated, remain as published. CONTROLLING OBSTACLES: CAT A TOWER (12-003885) 274054.00N/0802444.00W 207 (4D) + AC 50 + ROC 300 = 557 rounded to MDA 560 CAT B ANTENNA (12-78938) 273732.41N/0802338.73W 233 (1A) + ROC 300 = 533 rounded to 540 raised to MDA 560 to match CAT A Mins. CAT C TOWER (12-003083) 273808.00N/0802757.00W 344 (2C) + ROC 300 = 644 rounded to MDA 660 CAT D TOWER (12-001877) 273606.20N/0802333.31W 504 (2C) + ROC 300 = 804 rounded to MDA 820 Visibility Check: Primary: 1, 1, 1 3/4, 2 1/2. Secondary: 1. 1, 2, 2 3/4. Update to Secondary Altimeter Note Required. Alternate Minimums: Update required to for CAT D minimums. RADII: CAT A 1.30, CAT B 1.81, CAT C 2.84, CAT D 3.70.

Last Updated By: Ralph Miller

Last Updated At: 2021-09-16 13:49:10.131656

Status: Verified **1/8937**

QUALITY  
47  
CHECKED

!FDC X/XXXX VRB IAP VERO BEACH RGNL, VERO BEACH, FL. RNAV (GPS) RWY 22, AMDT 1C... CIRCLING CAT C MDA 660/HAA 636, CAT D MDA 820/HAA 796, CAT C VIS 1 3/4, CAT D VIS 2 1/2. CHANGE NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT PIERCE ALTIMETER SETTING AND INCREASE LPV DA TO 363 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 567 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET AND LNAV CAT C/D VISIBILITY 1/8 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM. ALTERNATE MINIMUMS: STANDARD EXCEPT CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 22, AMDT 1D. 2109161349-PERM

*Digitally signed by*  
**JASON KRETSCHMER**  
Oct 27, 2021