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Project Name: KMHK RNAV GPS RWY 21 CIRCLING AND LNAV MDA CHANGE

Project Reason: PERIODIC REVIEW AT MANHATTAN RGNL, KS. LNAV/VNAV vis changed from 2 1/4 to 2 1/2 ref criteria changed distance 2 -3 SM increased to 1/2 mile increments, distance from DA to THLD = 11806' = 2.24 SM rounded to 2 1/2 SM. LNAV MDA/HAT changed from 1680/632 to 1720/672 all CATS and vis CAT C changed from 1 3/4 to 1 7/8 per .3b table 3-5a (CAT D remains at 2 as can't lower vis on abbrev amdt), Ref revised CON OBS, 188 AGL/1418 MSL Tank (20-001631) (5D AC) at 391002.00N-0963727.00W, 1418 (OBS ELev) + 250 (ROC) + 50 (AC Adj) = 1718 rounded to 1720. Circling CAT D MDA/HAA changed from 1760/694 to 780/HAA 714 ref same 20-001631 OBS, 1418 (OBS ELev) + 300 (ROC) + 50 (AC Adj) = 1768 rounded to 1780, CAT C vis changed from 1 3/4 to 1 7/8 ref LNAV vis CAT C now 1 7/8. ADDED VGSI NOT COINCIDENT NOTE AS VGSI NOT COMMISSIONED AND MUST BE CONSIDERED NOT COINCIDENT, EVEN THOUGH VGSI ANGLE 3.00/TCH 47.2 WITHIN COINCIDENT CRITERIA (ANGLE 0.2/TCH 3) DESIGNED ANGLE 3.00/TCH 50. Deleted "VDP at 1.84 miles to RW21* *LNAV only" and note "VDP NA with Marshall AAF altimeter setting" as the VGSI can't be verified. HELICOPTER NOTE REMOVED, NO 20:1 OR 34:1'S. FAS OBST CHANGED TO 1418 TANK 391002.00N/0963727.00W. Modified local altimeter setting note ref format per .19G para 8-6-5L(a) and .3B table 3-5a.

Last Updated By: Carlos Escalante

Last Updated At: 2017-05-19 14:16:40.996001

Status: Verified

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!FDC ~~XXXXX~~ MHK IAP MANHATTAN RGNL, Manhattan, KS. RNAV (GPS) RWY 21, AMDT 1... LNAV/VNAV VIS 2 1/2 ALL CATS. LNAV MDA 1720/HAT 672 ALL CATS, VIS CAT C 1 7/8. CIRCLING CAT D MDA 1780/HAA 714, VIS CAT C 1 7/8. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {3.00}/TCH {47}). DELETE VDP AT 1.84 MILES TO RW21* *LNAV ONLY. DELETE NOTE: VDP NA WITH MARSHALL AAF ALTIMETER SETTING. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART FAS OBST: 1418 TANK 391002.00N/0963727.00W. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MARSHALL AAF ALTIMETER SETTING: INCREASE LPV DA TO 1264 FEET, VNAV/VNAV DA TO 1718 FEET; INCREASE ALL MDAS 20 FEET AND VISIBILITY CAT C 1/8 SM. DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MARSHALL AAF ALTIMETER SETTING AND INCREASE ALL DA 16 FEET AND ALL MDA 20 FEET, INCREASE LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS. THIS IS RNAV (GPS) RWY 21, AMDT 1A. 1705191416-PERM

Digitally signed by

VICTOR B NASO

Aug 08, 2017

QUALITY
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CHECKED