



To: Flight Procedures & Airspace Group (AFS-420)

Nov 22, 2024

COOK AIRFIELD (KK50) ROSE HILL, KS, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP), ORIG is submitted for processing and submission to AMC-AJV-IFP-ProdCoordTeam@faa.gov and 9-AMC-AJW-TL@faa.gov for publication. Request publication in the {JAN 23, 2025} Terminal Procedures Publication.

Sincerely,

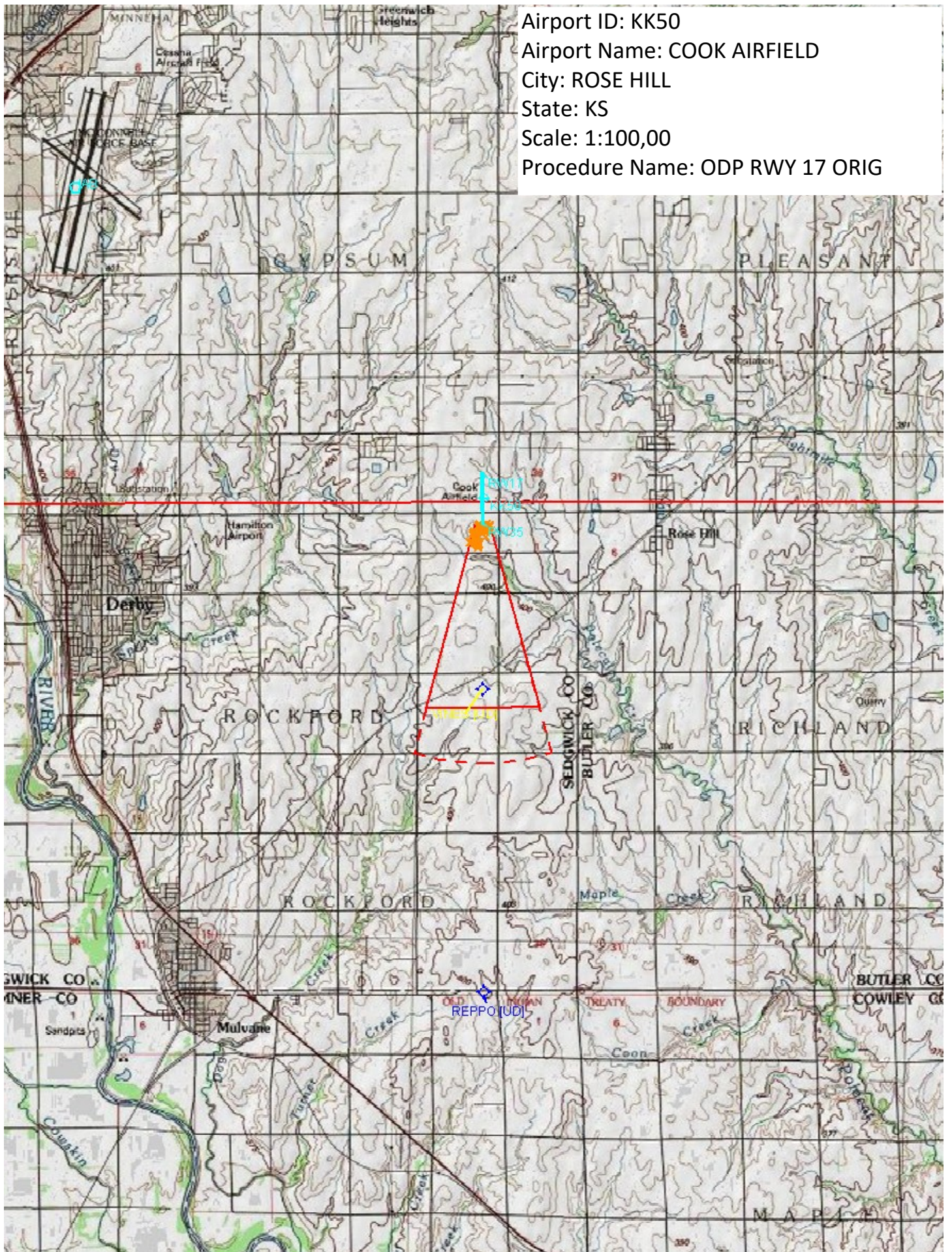
A handwritten signature in black ink, appearing to read 'Tony Lawson', written in a cursive style.

Tony Lawson
Chief Designer
Hughes Aerospace Corporation
Mobile: 405.642.9740
Tony.lawson@hughesaerospace.com

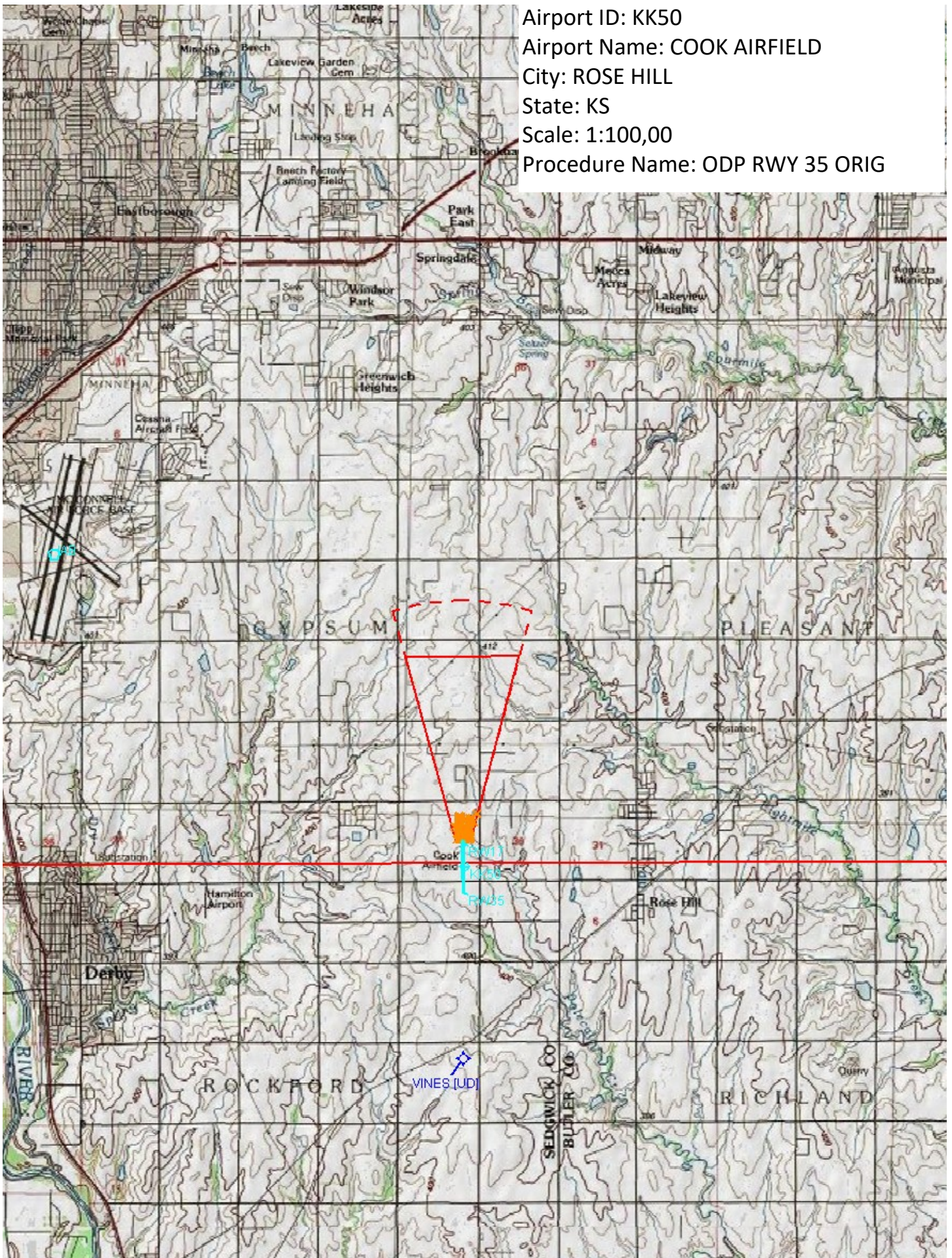
Enclosures:

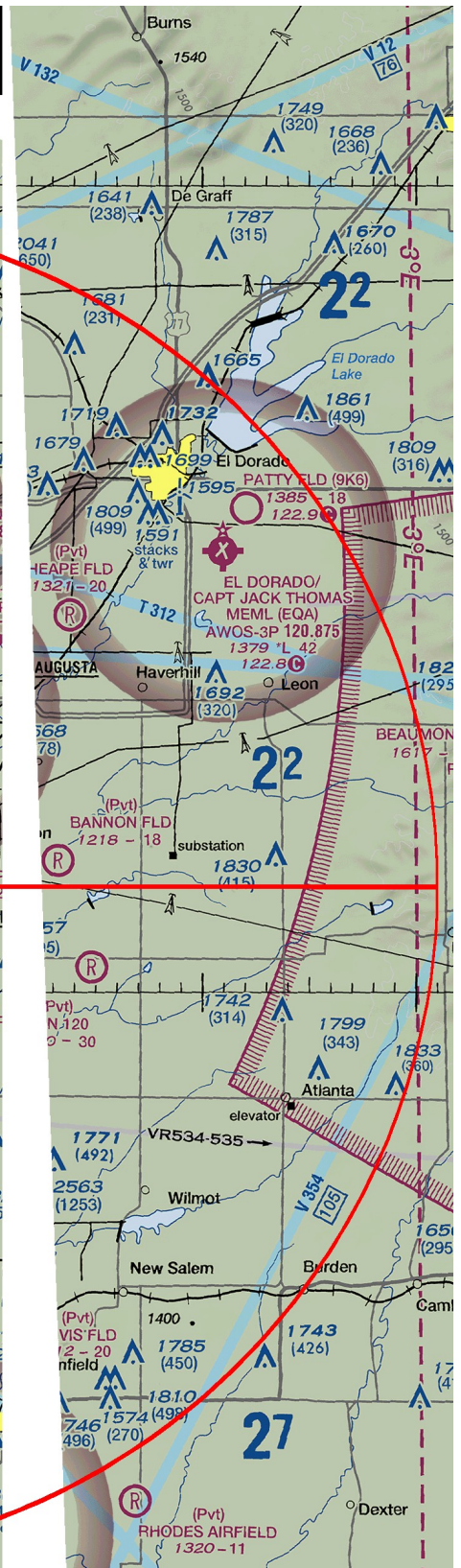
KS_K50_TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES_ORIG_F
KS_K50_TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES_ORIG_S
KS_K50_TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES_ORIG_AFS

Airport ID: KK50
Airport Name: COOK AIRFIELD
City: ROSE HILL
State: KS
Scale: 1:100,00
Procedure Name: ODP RWY 17 ORIG



Airport ID: KK50
Airport Name: COOK AIRFIELD
City: ROSE HILL
State: KS
Scale: 1:100,00
Procedure Name: ODP RWY 35 ORIG





Airport ID: KK50
Airport Name: COOK AIRFIELD
City: ROSE HILL
State: KS
Scale: 1:500,00
Procedure Name: ODP ORIG

PROTOTYPE - NOT FOR NAVIGATION

K50
Apt Elev 1344
37°34'N-097°10'W

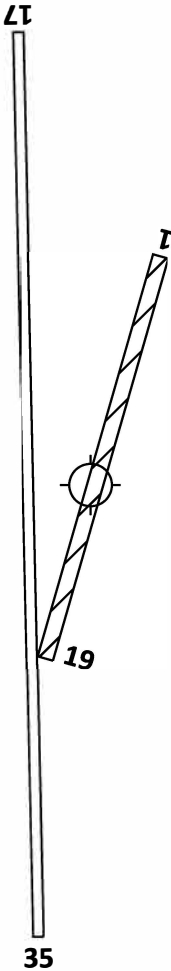
ROSE HILL, KANSAS
COOK AIRFIELD

ICT ASOS 316-945-8022	CLNC DEL (WICHITA APP CON) 316-350-1520	UNICOM 122.8 (CTAF)
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TAKEOFF OBSTACLE NOTES

RWY 17: VEHICLES ON ROAD BEGINNING 1 FT FROM DER, 186 FT RIGHT OF CENTERLINE CROSSING RIGHT TO LEFT UP TO 15 FT AGL/1353 FT MSL. TREES BEGINNING 185 FT FROM DER, 215 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/1393 FT MSL. TREE 488 FT FROM DER, 193 FT LEFT OF CENTERLINE, 32 FT AGL/1366 FT MSL. TREE 856 FT FROM DER, 210 FT LEFT OF CENTERLINE, 33 FT AGL/1361 FT MSL. BUILDING 228 FT FROM DER, 410 FT LEFT OF CENTERLINE, 30 FT AGL/1360 MSL.

RWY 35: TREES BEGINNING 36 FT FROM DER, 83 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/1388 FT MSL. TREES BEGINNING 50 FT FROM DER, 81 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/1393 FT MSL.



▼ TAKEOFF MINIMUMS
Rwys 17, 35: Standard.
Rwys 1, 19: NA - Environmental.

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
OBSTACLE ASSESSMENT CHECKLIST**

1. DATE 9/17/2024	2. ORGANIZATION HUGHES AEROSPACE CORPORATION	
3. AIRPORT K50	4. PROCEDURE ODP DEPARTURE RWY 17	5. AMEND # ORIG
6. AIRCRAFT TYPE TBM850	7. FMS / SOFTWARE GTN 750 Version 6.5.2	
8. PIC NAME / PHONE BEN ANDERSON 281-655-3330	9. EVALUATOR NAME / PHONE BEN ANDERSON 281-655-3330	

TERPS BIENNIAL REVIEW

31. BIENNIAL NA	32. DATE BIENNIAL COMPLETE NA	
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OBSTACLE ASSESSMENT TASKS

33. EQUIPMENT ACCURACY VERIFIED YES		
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IAP SEGMENT CHECKS

TRANS		
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED		35. CONTROLLING OBSTACLE MOST ADVERSE

FINAL		
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED		35. CONTROLLING OBSTACLE MOST ADVERSE

MISSED APPROACH		
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED		35. CONTROLLING OBSTACLE MOST ADVERSE

HOLDING		
34. DOCUMENTED CONTROLLING OBSTACLE VERIFIED		35. CONTROLLING OBSTACLE MOST ADVERSE

IAP VISUAL SEGMENT

VISUAL SEGMENT OR COPTER PROCEED VISUALLY/VFR AREA	
36. VERIFIED CLEAR	37. APPROPRIATE MITIGATIONS IN PLACE IF NOT CLEAR

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
OBSTACLE ASSESSMENT CHECKLIST**

STAR SEGMENT CHECKS

EN ROUTE TRANS _____

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED _____

35. CONTROLLING OBSTACLE MOST ADVERSE _____

COMMON ROUTE

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED _____

35. CONTROLLING OBSTACLE MOST ADVERSE _____

RWY TRANS _____

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED _____

35. CONTROLLING OBSTACLE MOST ADVERSE _____

DEPARTURE SEGMENT CHECKS

ICA OR COPTER PROCEED VISUALLY

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED _____

YES _____

36. VERIFIED CLEAR _____

YES _____

35. CONTROLLING OBSTACLE MOST ADVERSE _____

YES _____

37. APPROPRIATE MITIGATIONS IN PLACE IF
NOT CLEAR _____

NA _____

RWY TRANS _____

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED _____

36. VERIFIED CLEAR _____

35. CONTROLLING OBSTACLE MOST ADVERSE _____

37. APPROPRIATE MITIGATIONS IN PLACE IF
NOT CLEAR _____

COMMON ROUTE

34. DOCUMENTED CONTROLLING OBSTACLE
VERIFIED _____

35. CONTROLLING OBSTACLE MOST ADVERSE _____

TRANS _____

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VERIFIED _____

35. CONTROLLING OBSTACLE MOST ADVERSE _____

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
OBSTACLE ASSESSMENT CHECKLIST

OBSTRUCTION DISCREPENCIES

38. OBSTACLE IN DATABASE DOES NOT EXIST

OBSTACLE ID	_____	HEIGHT MSL/AGL	_____
COORDINATES	_____	SUPPORTING DOC	_____

39. OBSTACLE NOT IN DATABASE

OBSTACLE ID	_____	HEIGHT MSL/AGL	_____
COORDINATES	_____	SUPPORTING DOC	_____

40. OBSTACLE DATA INCORRECT

OBSTACLE ID	_____	HEIGHT MSL/AGL	_____
COORDINATES	_____	SUPPORTING DOC	_____

OBSTRUCTION NOTIFICATION

41. OBSTACLE DATA DISCREPENCIES SENT TO NFDC	_____	42. DATE SENT	_____
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51. EVALUATOR NOTES

53. PROCEDURE SAT _____

54. EVALUATOR SIGNATURE

Ben Anderson

Digitally signed by Ben Anderson
Date: 2024.09.18 12:22:54 -05'00'

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST**

1. DATE 9/17/2024	2. ORGANIZATION HUGHES AEROSPACE CORPORATION	
3. AIRPORT K50	4. PROCEDURE ODP DEPARTURE RWY 17	5. AMEND # ORIG
6. AIRCRAFT TYPE TBM850	7. FMS / SOFTWARE GTN 750 Version 6.52	
8. PIC NAME / PHONE BEN ANDERSON 281-655-3330	9. EVALUATOR NAME / PHONE BEN ANDERSON 281-655-3330	

FLIGHT VALIDATION TASKS			
10. FMS NAV DATA AND SOURCE COMPARISON SAT	NA	43. SIMULATOR AND OBSTACLE NOTES REVIEWED	YES
11. IAP ASSESSED TO DA / MDA	NA	44. AIR / GROUND COMMUNICATIONS SATISFACTORY	YES
12. DP / MISSED APPROACH ASSESSED AT MINIMUM CLIMB GRADIENTS	YES	45. RADAR COVERAGE ADEQUATE	YES
15. FLYABILITY SATISFACTORY	YES	46. ADEQUATE NAVIGATION PERFORMANCE ACHIEVED	YES
33. EQUIPMENT ACCURACY VERIFIED	YES	47. RUNWAY MARKINGS / FEATURES VERIFIED	YES
35. DOCUMENTED CONTROLLING OBSTACLE MOST ADVERSE	YES	48. FAS DATA BLOCK SATISFACTORY	NA

CHARTING CHECKLIST	
16. CHART DETAIL SATISFACTORY	20. TEMPERATURE LIMIT NOTED
17. RNP < 1.0 IN MISSED APPROACH NOTED	21. AIRCRAFT SIZE NOTED
18. NON-STANDARD SPEED / CLIMB NOTED	22. CHART MATCHES FLIGHT TRACK
19. RF LEGS NOTED	

IAP SEGMENT CHECKS			
TRANS			
24. COURSES	25. DISTANCES	27. TAWS	
28. CONSTRAINTS MET	29. WIND COMP	30. RF BANK ANGLE	

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST**

FINAL

24. COURSES _____	25. DISTANCES _____	26. FPA _____	27. TAWS _____
28. CONSTRAINTS MET _____	29. WIND COMP _____	30. RF BANK ANGLE _____	

MISSED APPROACH

24. COURSES _____	25. DISTANCES _____	27. TAWS _____
28. CONSTRAINTS MET _____	29. WIND COMP _____	30. RF BANK ANGLE _____

HOLDING

24. COURSES _____	25. DISTANCES _____	27. TAWS _____
28. CONSTRAINTS MET _____	29. WIND COMP _____	30. RF BANK ANGLE _____

49. VISUAL SEGMENT _____	50. NIGHT EVALUATION _____
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STAR SEGMENT CHECKS

EN ROUTE TRANS

24. COURSES _____	25. DISTANCES _____	27. TAWS _____
28. CONSTRAINTS MET _____	29. WIND COMP _____	30. RF BANK ANGLE _____

COMMON ROUTE

24. COURSES _____	25. DISTANCES _____	27. TAWS _____
28. CONSTRAINTS MET _____	29. WIND COMP _____	30. RF BANK ANGLE _____

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RWY TRANS

24. COURSES _____	25. DISTANCES _____	27. TAWS _____
28. CONSTRAINTS MET _____	29. WIND COMP _____	30. RF BANK ANGLE _____

DEPARTURE SEGMENT CHECKS

ICA OR COPTER PROCEED VISUALLY

24. COURSES P _____	25. DISTANCES NA _____	27. TAWS P _____
28. CONSTRAINTS MET YES _____	29. WIND COMP 210@12 KTS _____	30. RF BANK ANGLE NA _____

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST

RWY TRANS

24. COURSES	25. DISTANCES	27. TAWS
28. CONSTRAINTS MET	29. WIND COMP	30. RF BANK ANGLE

COMMON ROUTE

24. COURSES	25. DISTANCES	27. TAWS
28. CONSTRAINTS MET	29. WIND COMP	30. RF BANK ANGLE

TRANS

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28. CONSTRAINTS MET	29. WIND COMP	30. RF BANK ANGLE

51. EVALUATOR NOTES

SPECIAL TRAINING RECOMMENDATION FROM DEVELOPER

53. PROCEDURE SAT

54. EVALUATOR SIGNATURE Ben Anderson

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Date: 2024.09.18 12:24:01 -05'00'

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
OBSTACLE ASSESSMENT CHECKLIST**

1. DATE 9/17/2024	2. ORGANIZATION HUGHES AEROSPACE CORPORATION	
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FLIGHT STANDARDS SERVICE
OBSTACLE ASSESSMENT CHECKLIST**

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FLIGHT STANDARDS SERVICE
OBSTACLE ASSESSMENT CHECKLIST

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COORDINATES	_____	SUPPORTING DOC	_____

OBSTRUCTION NOTIFICATION

41. OBSTACLE DATA DISCREPENCIES SENT TO NFDC	_____	42. DATE SENT	_____
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51. EVALUATOR NOTES

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54. EVALUATOR SIGNATURE

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**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST**

1. DATE <u>9/17/2024</u>	2. ORGANIZATION <u>HUGHES AEROSPACE CORPORATION</u>	
3. AIRPORT <u>K50</u>	4. PROCEDURE <u>ODP DEPARTURE RWY 35</u>	5. AMEND # <u>ORIG</u>
6. AIRCRAFT TYPE <u>TBM850</u>	7. FMS / SOFTWARE <u>GTN 750 Version 6.52</u>	
8. PIC NAME / PHONE <u>BEN ANDERSON 281-655-3330</u>	9. EVALUATOR NAME / PHONE <u>BEN ANDERSON 281-655-3330</u>	

FLIGHT VALIDATION TASKS			
10. FMS NAV DATA AND SOURCE COMPARISON SAT	NA	43. SIMULATOR AND OBSTACLE NOTES REVIEWED	YES
11. IAP ASSESSED TO DA / MDA	NA	44. AIR / GROUND COMMUNICATIONS SATISFACTORY	YES
12. DP / MISSED APPROACH ASSESSED AT MINIMUM CLIMB GRADIENTS	YES	45. RADAR COVERAGE ADEQUATE	YES
15. FLYABILITY SATISFACTORY	YES	46. ADEQUATE NAVIGATION PERFORMANCE ACHIEVED	YES
33. EQUIPMENT ACCURACY VERIFIED	YES	47. RUNWAY MARKINGS / FEATURES VERIFIED	YES
35. DOCUMENTED CONTROLLING OBSTACLE MOST ADVERSE	YES	48. FAS DATA BLOCK SATISFACTORY	NO

CHARTING CHECKLIST	
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IAP SEGMENT CHECKS			
TRANS _____ 24. COURSES _____ 28. CONSTRAINTS MET _____ 25. DISTANCES _____ 29. WIND COMP _____ 27. TAWS _____ 30. RF BANK ANGLE _____			

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST**

FINAL

24. COURSES _____	25. DISTANCES _____	26. FPA _____	27. TAWS _____
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28. CONSTRAINTS MET _____	29. WIND COMP _____	30. RF BANK ANGLE _____

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49. VISUAL SEGMENT _____	50. NIGHT EVALUATION _____
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EN ROUTE TRANS

24. COURSES _____	25. DISTANCES _____	27. TAWS _____
28. CONSTRAINTS MET _____	29. WIND COMP _____	30. RF BANK ANGLE _____

COMMON ROUTE

24. COURSES _____	25. DISTANCES _____	27. TAWS _____
28. CONSTRAINTS MET _____	29. WIND COMP _____	30. RF BANK ANGLE _____

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RWY TRANS

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28. CONSTRAINTS MET _____	29. WIND COMP _____	30. RF BANK ANGLE _____

DEPARTURE SEGMENT CHECKS

ICA OR COPTER PROCEED VISUALLY

24. COURSES P _____	25. DISTANCES NA _____	27. TAWS P _____
28. CONSTRAINTS MET YES _____	29. WIND COMP 210@12 KTS _____	30. RF BANK ANGLE NA _____

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
FLIGHT VALIDATION CHECKLIST

RWY TRANS

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28. CONSTRAINTS MET	29. WIND COMP	30. RF BANK ANGLE

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28. CONSTRAINTS MET	29. WIND COMP	30. RF BANK ANGLE

TRANS

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28. CONSTRAINTS MET	29. WIND COMP	30. RF BANK ANGLE

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