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| Flight Procedures Cover Page | Task Action: FLIGHT CHECK | Task Type: IAP | Estimated Chart Date: 11/27/2025 | APWS Task ID: 1C9AE6A8986248D89C52C75D71A6F520 | APWS Project ID: 0F3D45DED0D04EFC9B7238CF2EE830D1 |
| Procedure: RNAV (GPS) RWY 4 AMDT 2 | | Enroute: NO | Specialist: Prassada, Parnell | | Agreement Number: |
| Airport ID: KCOD | | | Airport City: CODY | | State: WY |
| Facility ID: | Facility Type: | Flight Inspection Remark Type: Hold FC Slot | | | |
| <div>Procedure Comments:</div> <div>ACTIVE DATA USED.</div> <div>WAIVER (1): TO NOT DEVELOP A CAPTURE FIX.</div> <div>LOA (1): FOR PRECIPITOUS POINT VALUE (PPV) ADJUSTMENT APPLIED TO INTERMEDIATE SEGMENT ALTITUDES.</div> <div>CRC REMAINDER CHANGED FROM 45077E73 TO ECA3577F.</div> <div>CONTACT CASEY HILL: AJV-A431, (405) 954-0624.</div> <div>07/23/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/12/2025.</div> <div>8260-1:</div> <div>1. SECTION 3: CORRECTED TYPO FROM "3.50 DEGREE GPS" TO "3.50 DEGREE GPA."</div> <div>2. SECTION 3: DELETED THE THIRD AND FOURTH SENTENCES.</div> <div>3. SECTION 5: REVISED AND ADDED LAST TWO SENTENCES OF SECTION 3.</div> <div>8260-3:</div> <div>1. ADDITIONAL FLIGHT DATA: CHANGED "CHART FAS OBST: 5580 AAO 442815N/1090529W" TO "FAS OBST: 5580 AAO 442815N/1090529W."</div> <div>QUALITY 34 CHECKED</div> | | | | | |

1. FLIGHT PROCEDURE IDENTIFICATION:

CODY, WY
COD
RNAV (GPS) RWY 4

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

FAAO Order 8260.58C, paragraph 2 (A) (1), appendix C. Request temporary waiver to not develop a Capture Fix. Applicable Standard is FAAO 8260.58C, Appendix C, Paragraph 2 (A) (1): Establish a capture fix. Construct a TF leg aligned with the FAC that is common to all intermediate segments. The start fix of the leg is designated the capture fix. Alternatively, where operationally necessary, the capture fix may be placed on or at the start of an RF leg. The preliminary location of the capture fix may be less than 2 NM but no closer than 1 NM prior to the PFAF.

3. REASON FOR WAIVER (JUSTIFICATION FOR NONSTANDARD TREATMENT):

The intent of a capture fix is to ensure aircraft can capture the glide slope when turning on to the final course prior to the PFAF. Precipitous terrain surrounding the airport results in the final segment 3.50 degrees GPA and 9.8 nautical miles in length.

4. EQUIVALENT LEVEL FOR SAFETY PROVIDED:

1. The intermediate segment for this procedure is 15 NM and offset 13 degrees from the final approach course. There are no turns between the intermediate fix (IF) KEDBE and the final approach fix (FAF) WIBOP. The turns at the IF have a DTA that is no closer than 2NM prior to the FAF. The altitudes provided at the IF and PFAF allow for continuous descent through the intermediate and final segments.
2. FAAO 8260.58C, para 3-1-4.c. allows alignment of the intermediate course within 15° of the final approach course.
3. This is compliant with FAAO 8260.58C, para 3-1-4.b. that the PFAF is a FB fix.
4. The intermediate segment descent gradient and final approach segment length contribute to a stabilized approach.
5. Five (5) years of National Climatic Data Center (NCDC) data indicates the historical high temperature for two (2) months of each year (July and August) does not exceed 97.8°F/36.6°C.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

Establishing a capture fix along the final approach course will result in a approximately 14.59 degree turn to mitigate terrain, which will result in increasing initial and intermediate segment altitudes. This results in descent gradients exceeding criteria limits despite applying alternate precipitous terrain calculations.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

7. SUBMITTED BY:

| DATE | OFFICE IDENTIFICATION | TITLE | SIGNATURE |
|------|-----------------------|---------|-----------|
| | AJV-A4 | MANAGER | |

8. AFS ACTIONS:

☐ APPROVED ☐ DISAPPROVED ☐ NOT REQUIRED

COMMENTS:

| DATE | ROUTING SYMBOL | SIGNATURE |
|------|----------------|-----------|
| | | |



Federal Aviation Administration

Memorandum

Date: 05/14/2025
To: Wade Terrell, Manager, Flight Technologies and Procedures Division THRU:
Wayne Radicke, Manager, Flight Procedures and Airspace Group
From: Julie Morgan, Manager, Team 1, AJV-A41
Subject: Approval Request: YELLOWSTONE RGNL (KCOD), RNAV (GPS) RWY 4

RNAV (GPS) RWY 4, YELLOWSTONE RGNL (KCOD), CODY WY

FAAO 8260.3G, Paragraph 3-2-2 (B) (3): Precipitous Point Value (PPV).

Request PPV approval for RNAV (GPS) RWY 4 at Yellowstone Regional.

Segment altitudes requested cannot be attained using TARGETS 3D Elevation Program (3DEP) Digital Elevation Models (DEM) terrain data. These adjustments are crucial for traffic deconfliction and gradual descent profile.

Adjustment values were derived from 8260.3G, Appendix C, Precipitous Terrain Algorithms.

Beginning Point: TOCUD (440352.750N/1100818.400W)
End Point: JABOS (441653.410N/1093337.660W)
Segment type: Initial
Maximum PPV value: 250
Weighting factor: 0.6
Precipitous Adjustment: 150 ft ($0.6 \times 250 = 150$ ft Precipitous Adjustment)

Beginning Point: JABOS (441653.410N/1093337.660W)
End Point: KEBDE (441748.750N/1093108.480W)
Segment type: Initial
Maximum PPV value: 250
Weighting factor: 0.6
Precipitous Adjustment: 150 ft ($0.6 \times 250 = 150$ ft Precipitous Adjustment)

Beginning Point: KEBDE (441748.750N/1093108.480W)
End Point: TAKBE (441913.970N/1092709.870W)
Segment type: Intermediate
Maximum PPV value: 250



Federal Aviation Administration

Weighting factor: 0.5

Precipitous Adjustment: 125 ft ($0.5 \times 250 = 125$ ft Precipitous Adjustment)

Beginning Point: TAKBE (441913.970N/1092709.870W)

End Point: SHEAF (442115.454N/1092128.708W)

Segment type: Intermediate

Maximum PPV value: 136

Weighting factor: 0.5

Precipitous Adjustment: 68 ft ($0.5 \times 136 = 68$ ft Precipitous Adjustment)

Beginning Point: SHEAF (442115.454N/1092128.708W)

End Point: DULAC (442316.654N/1091527.154W)

Segment type: Intermediate

Maximum PPV value: 138

Weighting factor: 0.5

Precipitous Adjustment: 69 ft ($0.5 \times 138 = 69$ ft Precipitous Adjustment)

FIG

RNAV (GPS) RWY 4
YELLOWSTONE RGNL (COD)

MALSF

MISSED APPROACH: Climb to 8400 direct BOART and on track 348° to SEZJ and hold.

PROTOTYPE: NOT FOR NAVIGATION

Final approach course offset 3.00°.

MISSED APCH FIX

SEZI

BOART (not to scale)

ELEV 5102 **TDZE 5097**

YELLOWSTONE RGNL (COD)
RNAV (GPS) RWY 4

AUTOMATED AL-5243 RNAV (GPS) RWY 4
AUTOMATED AL-5243 RNAV (GPS) RWY 4

NW-1
26 JUN 2025
COMPILER: CG
REVIEWER:
DBL CHKR:
EFF: FIG

CODY, WYOMING

AL-5243 (FAA)

24361

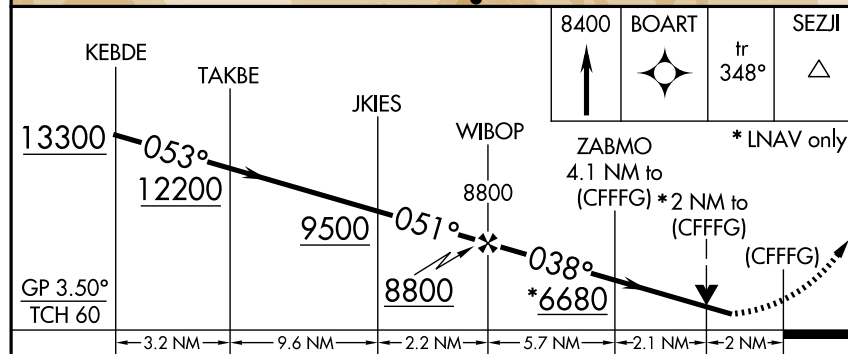
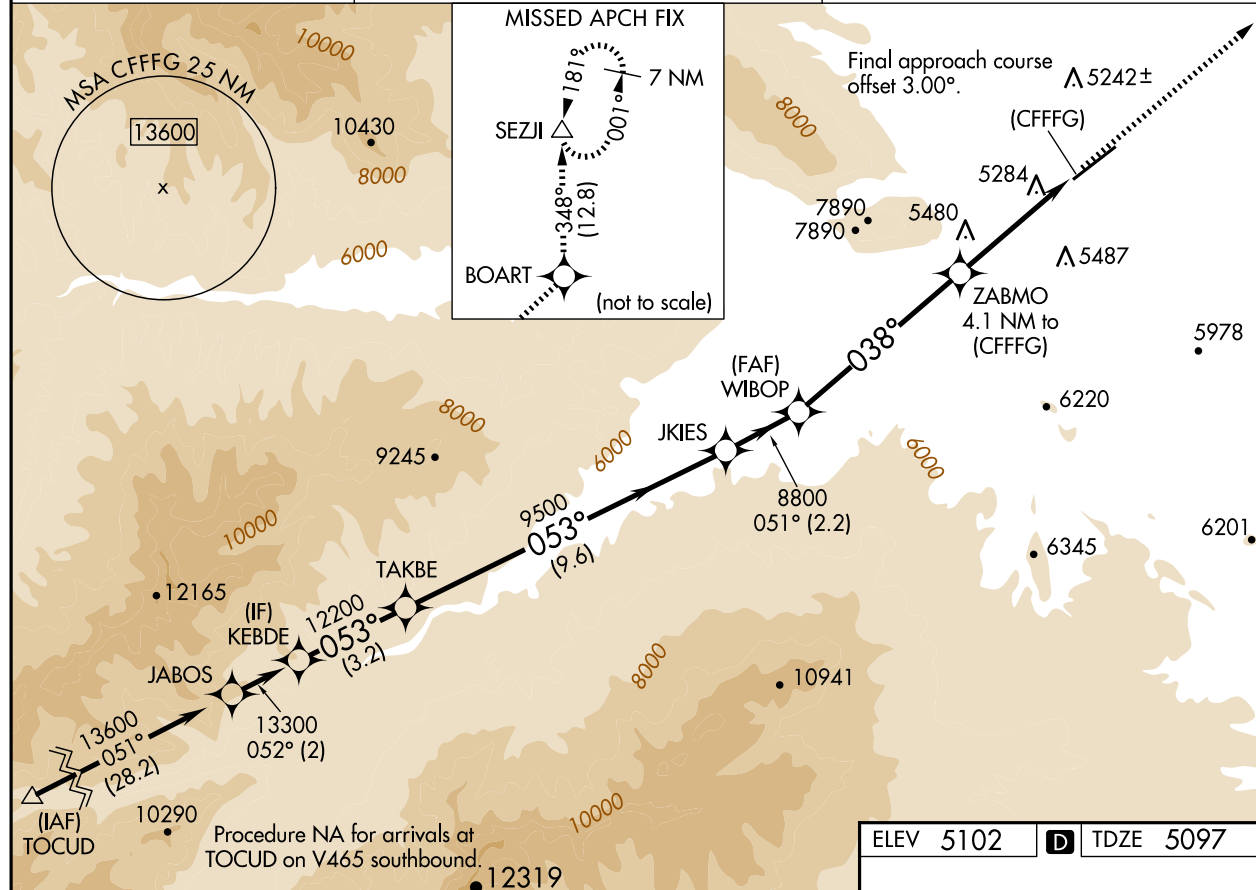
| | | | |
|--|------------------------|-----------------------------|---|
| WAAS CH 45943 W04A | APP CRS 038° | Rwy ldg TDZE Apt Elev | 7178 5097 5102 |
|--|------------------------|-----------------------------|---|

RNAV (GPS) RWY 4

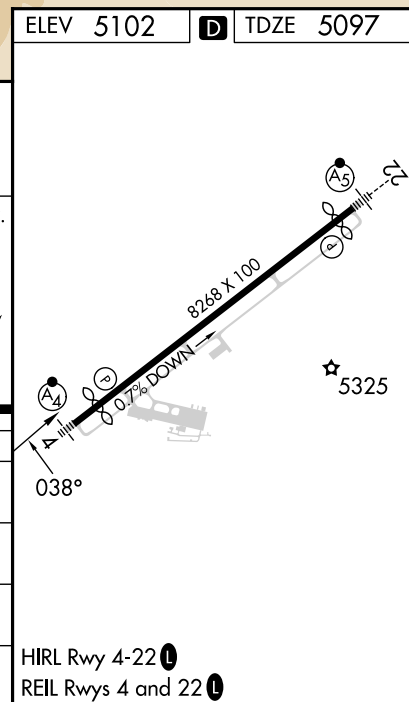
YELLOWSTONE RGNL (COD)

| | | |
|-----------|--------|--|
| RNP APCH. | MALSIF | MISSED APPROACH: Climb to 8400 direct BOART and on track 348° to SEZJI and hold. |
| | | |

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|----------------------------|---|---------------------------------|
| AWOS-3PT 135.075 | SALT LAKE CENTER 127.75 351.9 | UNICOM 122.8 (CTAF) 1 |
|----------------------------|---|---------------------------------|



| CATEGORY | A | B | C | D |
|--------------|----------------------------|----------------------------|----------------------------|----------------------|
| LPV DA | 5792-2 | 695 (700-2) | | |
| LNAV/VNAV DA | 5891-2 1/2 | 794 (800-2 1/2) | | |
| LNAV MDA | 5920-1 823 (900-1) | 5920-1 1/4 823 (900-1 1/4) | 5920-2 1/2 823 (900-2 1/2) | |
| CIRCLING | 5920-1 1/4 818 (900-1 1/4) | | 5940-2 1/2 838 (900-2 1/2) | 7000-3 1898 (1900-3) |



CODY, WYOMING

Amdt 1 31DEC20

44°31'N-109°01'W

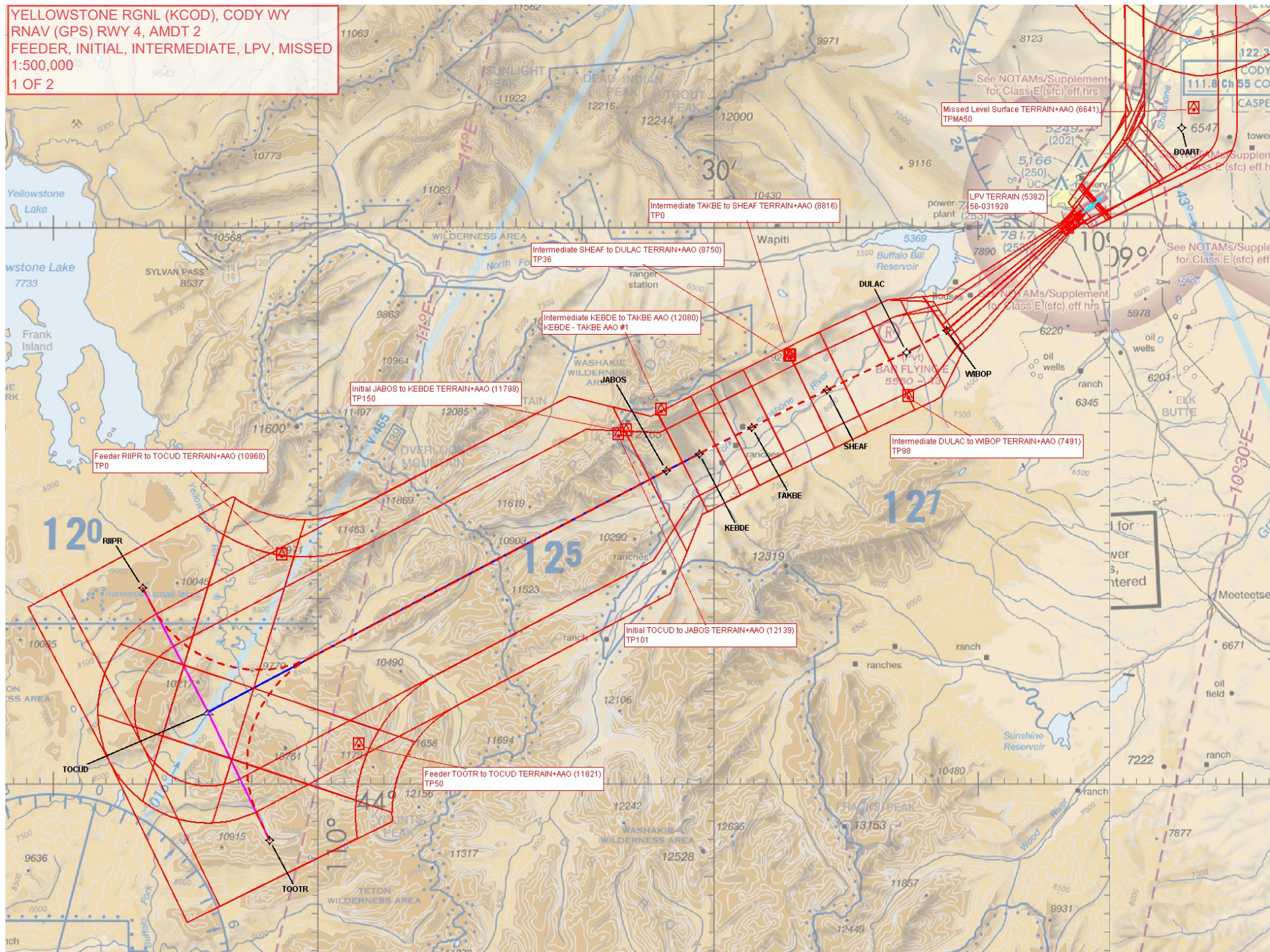
YELLOWSTONE RGNL (COD)

RNAV (GPS) RWY 4

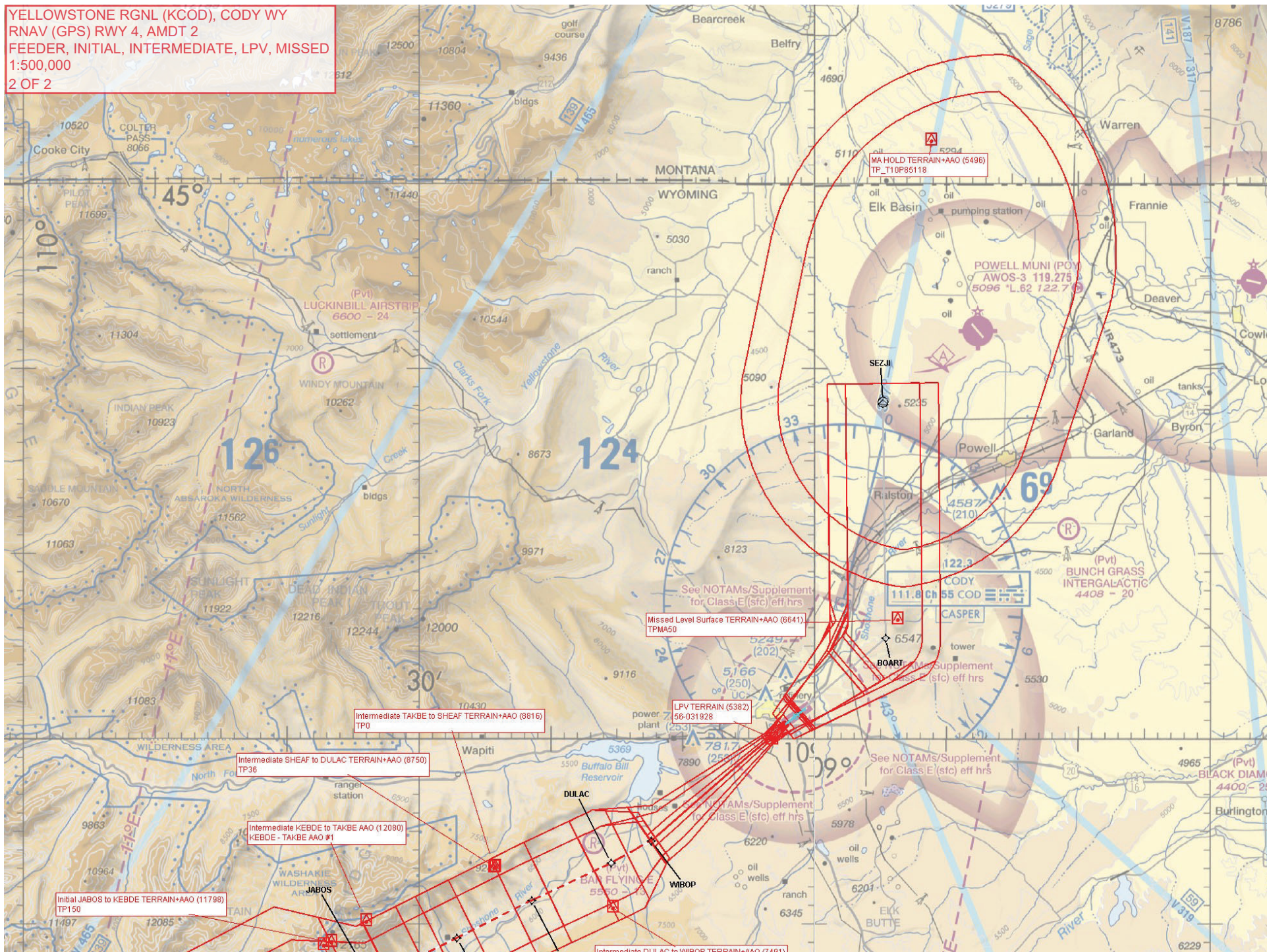
NW-1, 17 APR 2025 to 15 MAY 2025

NW-1, 17 APR 2025 to 15 MAY 2025

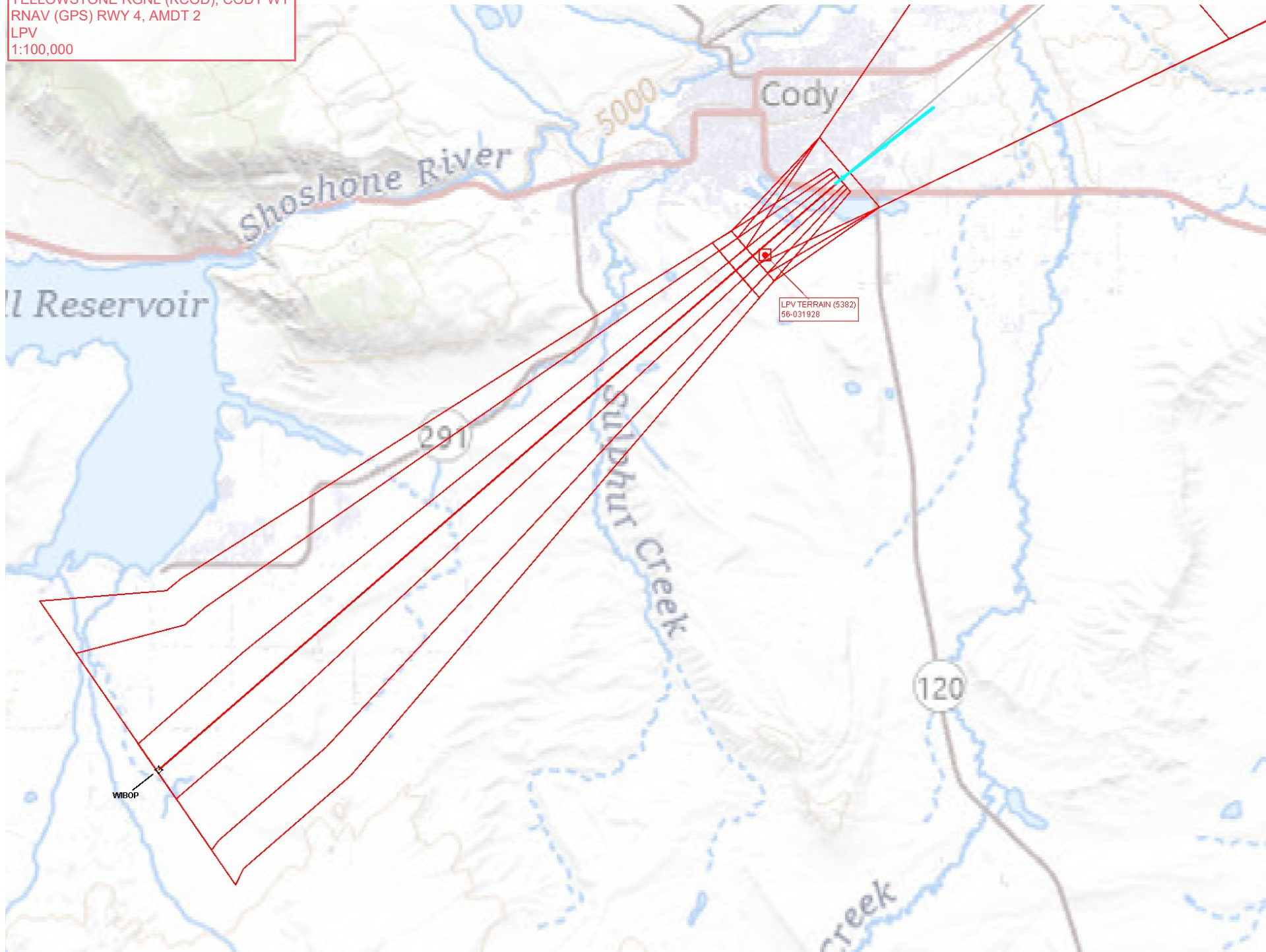
YELLOWSTONE RGNL (KCOD), CODY WY
RNAV (GPS) RWY 4, AMDT 2
FEEDER, INITIAL, INTERMEDIATE, LPV, MISSED
1:500,000¹⁵
1 OF 2



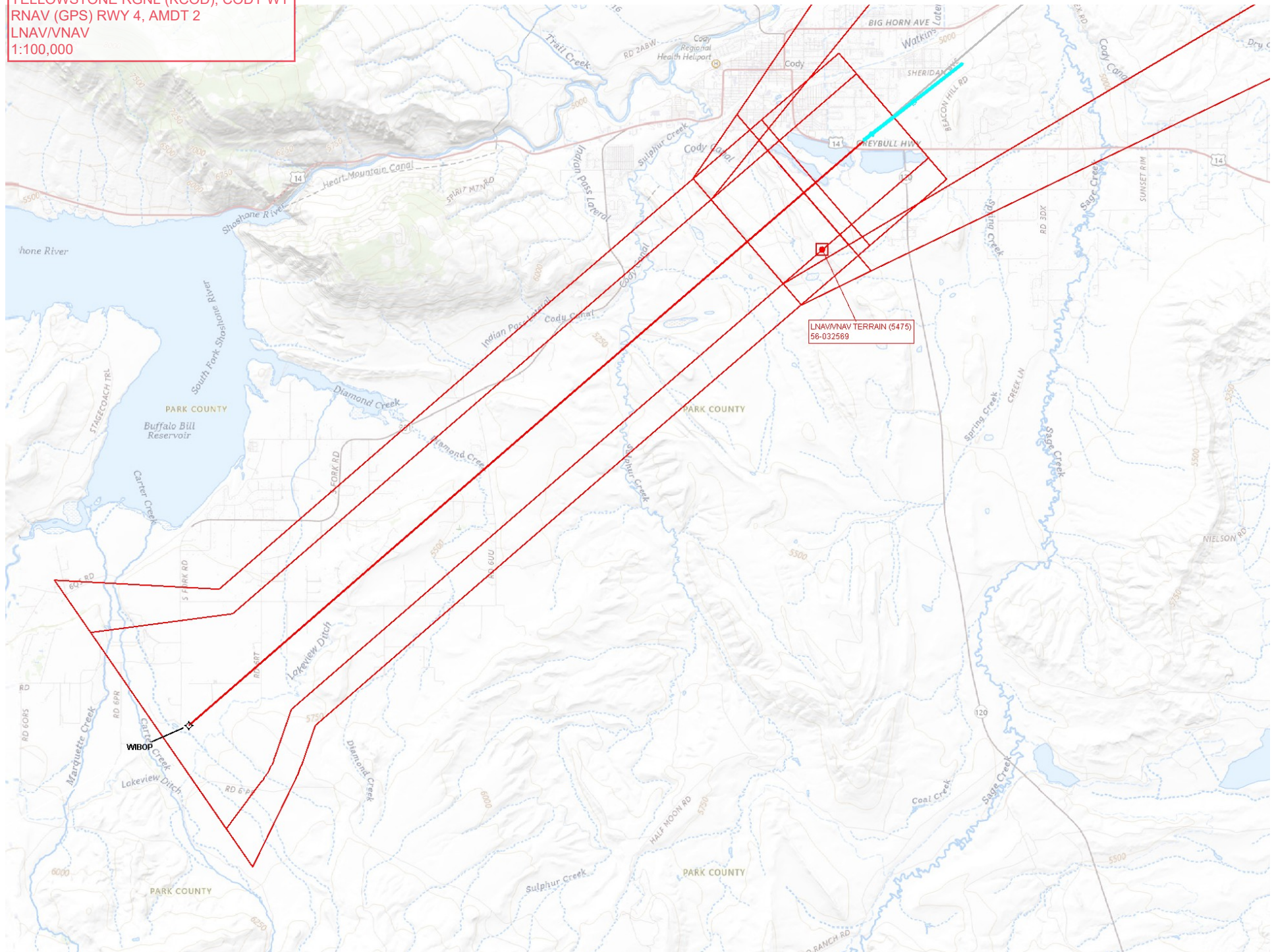
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RNAV (GPS) RWY 4, AMDT 2
FEEDER, INITIAL, INTERMEDIATE, LPV, MISSED
1:500,000
2 OF 2



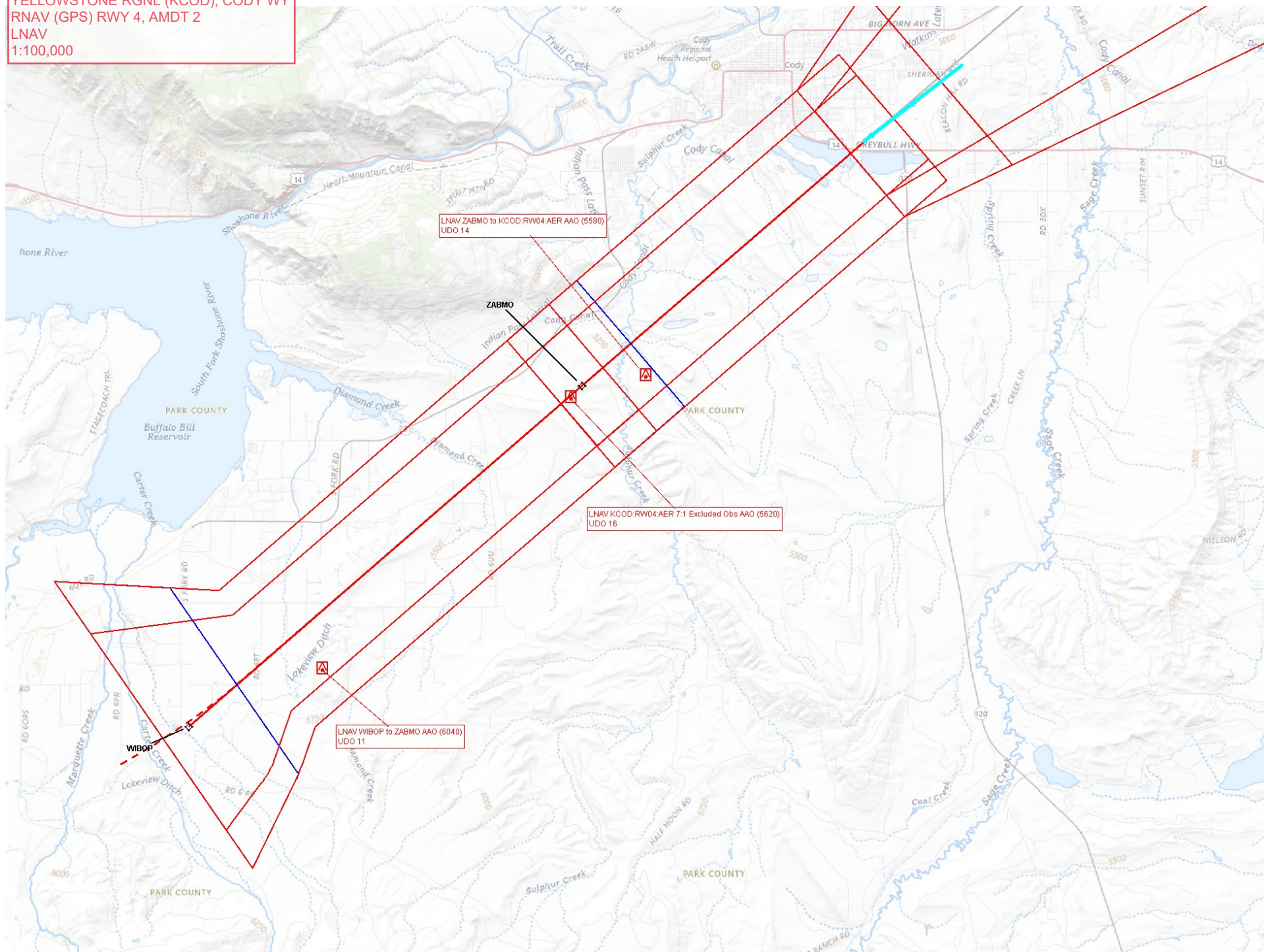
YELLOWSTONE RGNL (KCOD), CODY WY
RNAV (GPS) RWY 4, AMDT 2
LPV
1:100,000



YELLOWSTONE RGNL (KCOD), CODY WY
RNAV (GPS) RWY 4, AMDT 2
LNAV/VNAV
1:100,000



YELLOWSTONE RGNL (KCOD), CODY WY
RNAV (GPS) RWY 4, AMDT 2
LNAV
1:100,000



YELLOWSTONE RGNL (KCOD), CODY WY
RNAV (GPS) RWY 4, AMDT 2
CIRCLING
1:100,000

