

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: IAP	Estimated Chart Date: 10/31/2024	APWS Task ID: 00C39D6546704243B58BE8209638BA6D	APWS Project ID: B38402B9939942C08092FFB8CED9982C
Procedure: LOC RWY 17 AMDT 5		Enroute: NO	Specialist: Townsend, Matthew		Agreement Number:
Airport ID: KBWD			Airport City: BROWNWOOD		State: TX
Facility ID: BWD	Facility Type: LOC	Flight Inspection Remark Type: Hold FC Slot			
Procedure Comments: UTILIZED ACTIVE AIRNAV DATA FOR AIRPORT AND RUNWAY 17. ACTIVE AIRNAV DATA USED FOR I-BWD AND BWD VOR/DME. APPROVAL LETTER: VDA LESS THAN VGSI ANGLE USED; 8260.3E 2-6-2.B. LLO VOR MON - REMOVED FEEDER BUILT FROM LLO VORTAC. RECONSTRUCTED APPROACH PER ZFW AND FPT REQUEST. REMOVED ABI TO BWD LEG. CANCELS NOTAM FDC 4/7272 - CIRCLING UPDATED ON ALL APPLICABLE PROCEDURES AT KBWD. ESV: I-BWD (LOC), R-355, 10NM, MIN ALT:5800, MAX ALT: 10000. CONTACT ROBERT HAMILTON, AJV-A433, 405-954-4608. 09/12/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/12/24. 1. CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO 10/31/2024 - HARD DATED.					





Federal Aviation Administration

Memorandum

Date: 09/05/2024
To: Wade Terrell, Manager, Flight Technologies and Procedures Division THRU:
Wayne Radicke, Manager, Flight Procedures and Airspace Group
From: Robert Hamilton, Manager, Team 2, AJV-A433
Subject: Approval Request: BROWNWOOD RGNL (KBWD), LOC RWY 17

Request approval of non-coincident Visual Glide Slope Indicator (VGSI) 4-L PAPI and Vertical Descent Angle (VDA) in accordance with FAAO 8260.3E Para 2-6-2b.

The PAPI is currently sited and commissioned at 3.00 degrees with a 55.1 ft TCH and the LOCALIZER RWY 17 is constructed with a 2.97 vertical descent angle and a 54 ft TCH.

Because of the location of the OWNEY OM, making the VDA and VGSI angles coincident would require moving the facility 243' closer to the threshold, which is not feasible or cost effective to ask for such a small movement.

Increasing the FAF altitude to 2700' would still require an approval letter due to the angle difference of .22° greater than the VGSI angle, which exceeds the .20° limit.

Without an approval letter this procedure would become unusable because of a DESIRED criteria standard.

Request approval to publish a VDA/TCH of 2.97/54.

ESV Details

Originating Office :AJV-A421		Airspace Docket Number :		Request Type :Establish		
Facility Data						
Chart Name:KBWD LOC RWY 17		City:BROWNWOOD		Ident:BWD		State:TX
Type/Class: LOC		Frequency: M109.1		Reference Number: 24058609		
Extended Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 793063 - 001	355		17	58	100	
Requirement: ELISE KBWD LOC RWY 17						
Signature:Townsend Matthew			Routing Symbol:			Date:05/09/2024
Extended Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 793063 - 001	355		17	58	100	APPROVE
Requirement/Remarks: ELISE KBWD LOC RWY 17APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Bowers Michael			Routing Symbol:			Date:05/09/2024
Extended Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 793063 - 001	355					
Requirement/Remarks:						
Signature:			Routing Symbol:			Date:

ESV Details

Originating Office :AJV-A421		Airspace Docket Number :		Request Type :Establish		
Facility Data						
Chart Name:LOC RWY 17		City:TUSCOLA		Ident:TQA		State:TX
Type/Class: DME		Frequency: M1014		Reference Number: 24047992		
Extended Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 882322 - 010	93		45	40	175	
Requirement: ELISE LOC RWY 17						
Signature:Townsend Matthew		Routing Symbol:				Date:04/11/2024
Extended Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 882322 - 010	93		45	40	175	APPROVE
Requirement/Remarks: ELISE LOC RWY 17APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Bowers Michael		Routing Symbol:			Date:04/16/2024	
Extended Service Volume Data: (Super FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 882322 - 010	93		45	40	175	APPROVE
Requirement/Remarks: ELISE LOC RWY 17APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:			Date:04/17/2024	
Extended Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 882322 - 010	93					
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

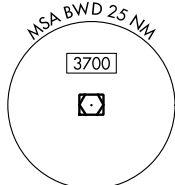
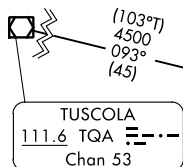
LOC RWY 17
BROWNWOOD RGNL (BWD)

MISSED APPROACH: Climbing right turn to 4000 on heading 021° and on BWD VOR/DME R-356 to ELISE INT/BWD 10 DME and hold.

T Rwy 17 helicopter visibility reduction below $\frac{3}{4}$ SM NA.
A DME from BWD VOR/DME. DME use requires simultaneous reception of I-BWD and BWD DME.

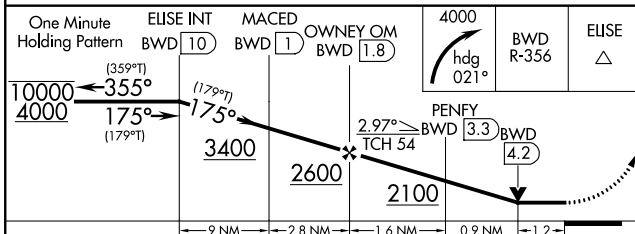
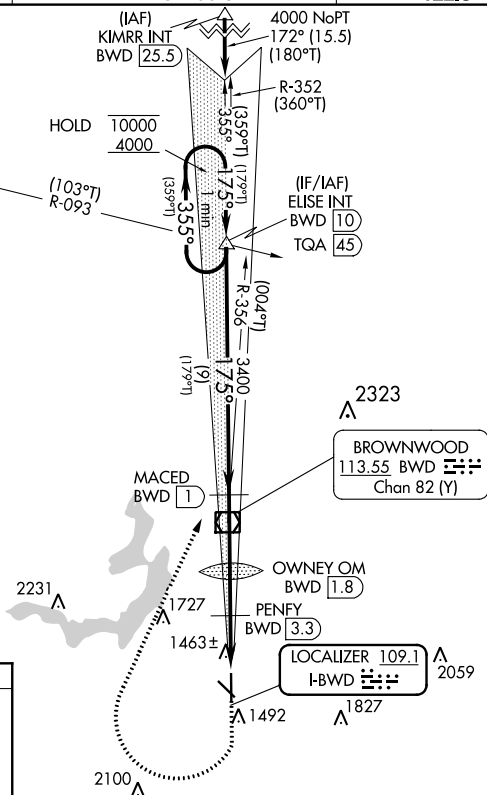
UNICOM
122.8 (CTAF) **L**

PROTOTYPE-NOT
FOR NAVIGATION



FAF to MAP 3.7 NM

Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14



CATEGORY	A	B	C	D
S-LOC 17	1820- ³ / ₄	433 (500- ³ / ₄)	1820-1	433 (500-1)
CIRCLING	1880-1 493 (500-1)	1900-1 513 (600-1)	2040-1 ³ / ₄ 653 (700-1 ³ / ₄)	2160-2 ¹ / ₂ 773 (800-2 ¹ / ₂)

