Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: STAR			APWS Project ID: 6D1E2898EEAA400B9361B3D0D2836BA4		
Procedure: Enroute: YES STAR TRUUK THREE (RNAV) FORT WORTH, TX KAFW YES			Specialist: Copeland, Guy		Agreement Number:		
Airport ID: KAFW			Airport City: FORT WORTH		State: TX		
Facility ID:	Facility Type:	Flight Inspection Remar New FC Slot	k Туре:				

Procedure Comments: CONTACT ROBERT HAMILTON, AJV-A431 405-954-4608.

THIS CLEARS NOTAM 4/3208

04/14/2025

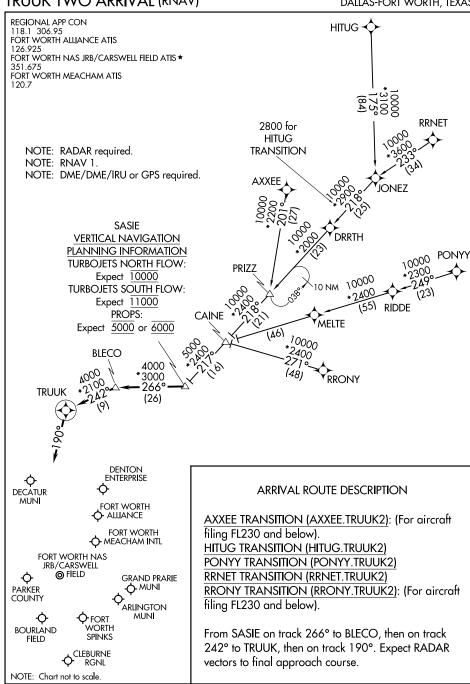
QUALITY.

14

FIPC DME/DME FORM																
PROCEDURE: AIRPORT NAME:						AIRPO	AIRPORT ID:		SPECIAL CONTROL NO:							
TRUUK (RNAV)	TRUUK (RNAV) THREE ARRIVAL PEROT FLD/FORT WORTH ALLIANCE KAFW					KAFW	OG-04-293-25									
FAC ID: TRUUK	3		CITY: FORT WORTH ST: TX				ST: TX		<b>ORIG CHART DATE:</b> 10/02/2025							
DFL TYPE:	THIRD P	ARTY:	EST. TIM	IE ON SITE:	REIMB	REIMB. NUMBER: PTS TASK ID:										
PROC/D		YES	1.0	A455BF5207114D3E					207114D3B	88F6D5A1687E652C9						
PREFLIGHT NOTES																
REVIEWER: colton crowder  DATE: 05/22/2025							5									
COMMENTS:											CHECK O	ONE:				
Table-top review c	omplete. N	o flight o	check requi	red.							FLT (	CK REQ X NFCR ☐ REJE			JECT	
														YES	NO	
	CPV COMPLETE?						?		X							
PROCEDURE RESULTS																
INSPECTION DA	TE:	CREV	V #: N #: INSTRUMENT PROCEDURE STATUS: ARINC CODING:													
05/22/2025		VN47	77		X SAT   SAT W/CHANGES   UNSAT   SAT SAT/GOLD   UNSAT						NSAT					
FLIGHT INSPEC	TOR SIGN	NATURE	Ξ:		PRIN	TED I	NAME:					NOTAM INITIATED?				
colton crowder @ 0	05/22/2025	12:51			CRO	WDER	, COLTON M	IAX					☐ YES	$\mathbf{X}$	NO	
FLIGHT INSPECTOR REMARKS:																
DME/DME STATUS: SPECIALIST SIGNATURE: PRINTED NAME:																
X SAT    UNSAT    lisa a-ctr thrysoe @ 05/27/2025 09:45    Lisa Thrysoe																
SPECIALIST REMARKS:																
No Post Flight DME DME analysis required.																
IN-FLIGHT OBSTACLE REPORT																
OBSTRUCTION ID #: COORDINATES OR LOCATION: GNSS ALTITUDE (MSL): BAROMETRIC ALTITUDE (MSL): HEIG					HEIGH	T ABOVE GRO	OUND LI	EVEL:								

FIPC DME/DME FORM																
PROCEDURE: AIRPORT NAME:							AIRPO		RT ID:	SPECIAL CONT		ONTROL NO:				
TRUUK (RNAV)	TRUUK (RNAV) THREE ARRIVAL PEROT FLD/FORT WORTH ALLIANCE KAFV					KAFW	OG-04-293-25									
FAC ID: TRUUK	JK3 CITY: FORT WORTH ST: T2				ST: TX		<b>ORIG CHART DATE:</b> 10/02/2025									
DFL TYPE:	THIRD P	ARTY:	EST. TIM	E ON SITE:	REIMB. N	REIMB. NUMBER: PTS TASK ID:										
PROC/D		YES	1.0		A455BF5207114D3F					38F6D5A1687E652C9						
PREFLIGHT NOTES																
REVIEWER: colton crowder  DATE: 05/22/2025							5									
COMMENTS:										CHECK C	ONE:					
Table-top review c	omplete. N	No flight o	check requir	ed.						FLT (	CK REQ	X NFCR	RE.	JECT		
													YES	NO		
										CPV COM	IPLETE?	)		X		
PROCEDURE RESULTS																
INSPECTION DA	TE:	CREV	<b>v</b> #:	#: N#: INSTRUMENT PROCEDURE STATUS: ARINC CODING:						<b>G</b> :						
05/22/2025		VN47	77	X   SAT   SAT W/CHANGES   UNSAT   SAT   SAT/GOLD   UNSAT						NSAT						
FLIGHT INSPEC	TOR SIGN	NATURE	Ξ:		PRINTI	ED NAME:				NOTAM INITIATED?						
colton crowder @ (	05/22/2025	12:51			CROW	DER, COLTON	MAX	AX YES X NO								
FLIGHT INSPECTOR REMARKS:																
DME/DME STATUS: SPECIALIST SIGNATURE: PRINTED NAME:																
SAT	□ SAT □ UNSAT □															
SPECIALIST REMARKS:																
IN-FLIGHT OBSTACLE REPORT																
OBSTRUCTION ID #: COORDINATES OR LOCATION: GNSS ALTITUDE (MSL): BAROMETRIC ALTITUDE (MSL): HEIGHT ABOVE					T ABOVE GRO	OUND LI	EVEL:									





SC-2, 31 MAR 2016 to 28 APR 2016



## **Memorandum**

Date:

To: Instrument Flight Procedures Service Providers

From: Eric S. Parker, Acting Manager, Flight Technologies and Procedures

Division

Subject: Waiver to FAA Order 8260.3, United States Standard for Terminal

Instrument Procedures (TERPS), STAR Termination Altitude

This memorandum waives the requirement of FAA Order 8260.3 paragraph 2-2-7.f(2) for Flight Standards approval when, due to an operational need, an altitude is not established at the termination fix on a STAR that does not join an approach.

Establishing an altitude at the termination fix on STAR that does not join an approach is beneficial for arrival descent planning purposes and is highly encouraged where practical. We recommend consulting Flight Standards, Flight Procedures and Airspace Group early in the design phase to assist in understanding how an altitude at a termination fix benefits operators.

No additional waiver request action is required. Please direct all inquiries to the Flight Procedures and Airspace Group, Standards Section (405) 954-1139 or <u>9-AWA-AVS-AFS420@faa.gov</u>.





## **Memorandum**

Date:

To: Instrument Flight Procedures Service Providers

From: Eric S. Parker, Acting Manager, Flight Technologies and Procedures

Division

Subject: Waiver to FAA Order 8260.19, Flight Procedures and Airspace, STAR

Termination Altitude

This memorandum waives the requirement of FAA Order 8260.19 paragraph 4-5-2.j for an altitude to be specified at the termination fix at the STAR termination point [see memo dated July 18, 2023, subject: Waiver to FAA Order 8260.3, paragraph 2-2-7.f(2)].

When no altitude is specified at that fix, the lowest altitude that will be assigned by air traffic control at the termination fix must be used for descent gradient and obstacle clearance calculations and noted in the Remarks section of Form 8260-17.1. Example: LOWEST ASSIGNED ATC ALTITUDE AT GIZMO, 3000.

No additional waiver request action is required. Please direct all inquiries to the Flight Procedures and Airspace, Standards Section (405) 954-1139 or <u>9-AWA-AVS-AFS420@faa.gov</u>.

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U.S. Department of Transportation	
Federal Aviation Administration	١

FLIGHT STANDARDS USE ONLY

CONTROL NO:

## FLIGHT PROCEDURES STANDARDS WAIVER

1. Flight Procedure Identification:

Fort Worth, TX
Perot Field/Fort Worth Alliance Airport
TRUUK STAR

2. Waiver Required and Applicable Standard:

Do not publish or code any altitudes on the procedure. Per 8260.3G, para 2-2-7e. Common route and runway transitions. Establish a mandatory, minimum or block altitude restriction at a fix that represents the lowest altitude authorized by the STAR or STAR runway transition.

3. Reason for Waiver (Justification for nonstandard treatment):

The TRUUK STAR serves multiple airports and runway configurations within KAFW airspace and utilizes varying altitude restrictions to all airports based on dynamic traffic situations. Additionally, the procedure authorizes differing aircraft types, thus introducing different performance characteristics from one aircraft to another. The TRUUK STAR is not a descend via procedure and ATC will issue CROSS (FIX) AT AND MAINTAIN or DESCEND AND MAINTAIN clearances to control the flow of traffic. Coding the procedure with an altitude on the common route that serves multiple airports with mixed aircraft types and differing performance characteristics will cause confusion and additional workload when the issued altitude is different from the coded restriction on the procedure. Coding two different altitudes on one procedure based on aircraft type is not allowed per design criteria.

4. Equivalent Level of Safety Provided:

With RADAR required and ATC issuing a CROSS (FIX) AT AND MAINTAIN or "DESCEND AND MAINTAIN" clearance for all aircraft ensures the requirements are met. These altitudes provide obstacle clearance, communication, and navigable facility requirements for aircraft to utilize. When radio communications are in use, ATC will provide appropriate altitudes as specified in the ZFW/D10 Letter of Agreement for separation, including obstacle clearance.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

Designing a STAR with coded altitudes was considered and deemed not feasible. Establishing coded altitudes on the STAR common route restricts ATC ability to dynamically assign altitudes based upon the traffic scenarios. A procedure with one coded altitude restriction on the common route that authorizes mixed aircraft performance characteristics and numerous airports of intended landing will create pilot confusion and questions resulting in a significant workload increase for ATC and pilots.

6. Coordination With User Organizations (Specify):

AMERICAN Airlines, DALLAS FORT WORTH ARTCC (ZFW), LONE STAR Approach Control, CSC OSG

7. SUBMITTED BY						
DATE:	Office Identification:	Title:	Signature:			

