VATSIM FORT WORTH ARTCC (ZFW) AND MEMPHIS ARTCC (ZME)
LETTER OF AGREEMENT

SUBJ: Intrafacility Coordination Procedures

This order describes interfacility procedures between the Fort Worth ARTCC (ZFW) and the Memphis ARTCC (ZME) . The provisions and procedures described below are supplemental to and in accordance with Fort Worth ARTCC General Policy and FAA Order JO 7110.65, as well as any published FAA guidelines and procedures. The information contained in this document is to be used for flight simulation purposes only on the VATSIM network. It is not intended, nor should it be used for real-world navigation. This site is not affiliated with the FAA, the actual Fort Worth ARTCC/Memphis ARTCC, or any governing aviation body. All content contained herein is approved only for use on the VATSIM network.

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Effective 11/29/2023
This order cancels all previous versions of the ZFW-ZME LOA

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1. **Abbreviations**

AIT Automated Information Transfer
ARAC Army Radar Approach Control
ARTC Air Route Traffic Control
ATC Air Traffic Control
ERAM En Route Automation Modernization
FL Flight Level
H High Altitude Sector
L Low Altitude Sector
LOA Letter of Agreement
MIT Miles-in-trail
NM Nautical Mile
SID Standard Instrument Departure
STAR Standard Terminal Arrival Route
T Terminal Area
TRACON Terminal Radar Approach Control
U Ultra-High Sector
VFR Visual Flight Rules
ZFW Fort Worth ARTC Center
ZME Memphis ARTC Center

2. **Procedures**
    a. Departures less than 5 minutes flying time from the common boundary shall be verbally coordinated.
    b. Planned flow changes shall be coordinated at least 15 minutes prior
        i. During events, flow changes shall be communicated between:
            1. TMU-TMU
            2. TMU-CIC
            3. CIC-CIC
        ii. Each above unit shall ensure the flow change is properly communicated to each respective ATCS/facility
        iii. In non-event periods, this coordination shall be accomplished via the built in ATC chat system in controller clients.
    c. ZFW controllers shall advise the other ARTCC of the current flow at D10. When ZFW is offline, controllers shall follow the real-world flow.
    d. Each ARTCC may change transponder codes upon initial contact.
    e. Radar handoff acceptance shall constitute approval for aircraft climbing or descending to requested or interim altitude appropriate for direction of flight. Changes after radar acceptance shall be coordinated verbally.
    f. All RNAV capable turbojet aircraft shall be cleared IAW with the flow charts listed at the end of this publication.
    g. Low altitude sectors are stratified at FL230 and below for low altitude and FL240 and above for high altitude with the following exceptions:

(1) Drake (DAK)-Ultra-High – FL350 and above.

(2) Greenwood (GWO)-Ultra-High – FL350 and above.

(3) Little Rock (LIT)-Ultra-High – FL350 and above.

(4) Union (UNN)-Ultra-High – FL360 and above.

(5) Majors (MJR)-Ultra-High – FL360 and above.

(6) Hugo (HGO)-Ultra-High – FL360 and above.

(7) Klubb (KLB)-Ultra-High – FL360 and above.

3. **Control**
    a. Each ARTCC shall release control for 15 degree turns within 15 nm of the common boundary with the following exceptions:
        i. Aircraft landing DFWT entering ZFW 42 (DEC-H) shall be released for turns
        ii. All underlying TRACONs shall have control on contact from the ARTCC
        iii. HOT-L releases control to TXK-L for TXK arrivals
4. **ZFW Will Ensure**
    a. Aircraft landing within ZME shall be assigned a route/altitude IAW with the route/altitude charts contained within Attachment B.

5. **ZME Will Ensure**
    a. Aircraft landing within ZFW shall be assigned a route/altitude IAW with the route/altitude charts contained within Attachment A.

Attachment A.
Route and Altitude Restrictions (Entering ZFW)

BYP: Bonham Specialty (NE Corner Post)
East Satellite (ESAT): ADS, RBD, LNC, HQZ, TKI, F41, F46, JWY
West Satellite (WSAT): GKY, DTO, AFW, FTW, FWS, NFW, GPM, 50F, CPT, LUD, WEA

CQY: Cedar Creek Specialty (ZFW 89, 86, 28 HIGH and 29, 30 LOW)
ESAT: ADS, F41, F46, HQZ, TKI
WSAT: 50F, AFW, CPT, DTO, FTW, FWS, GKY, GPM, JWY, LNC, LUD, NFW, RBD, WEA

SHVT - BAD, DTN, SHV
HOUT - IAH, HOU, CXO, DWH, EFD, EYQ, GLS, HPY, IWS, LBX, LVJ, SHR, TME, 54T, T41
MLUT - MLU, RSN, BQP, M79

Attachment B. Route and Altitude Restrictions (Entering ZME)

FSMT: FSM, JSV, RKR, 7M5
FYVT - ASG, FYV, ROG, SLG, VBT, XNA, 4M1, 5M5, AR27, MO32, 05AR
LITT - CXW, LIT, LRF, ORK, SGT

Attachment C.
ZFW High, Low, and TRACON sectors

Attachment D.
ZFW Low and TRACON Sectors

Attachment E.
ZME High Sectors

Attachment F.
ZME Low Sectors

Attachment G.
ZME TRACONs

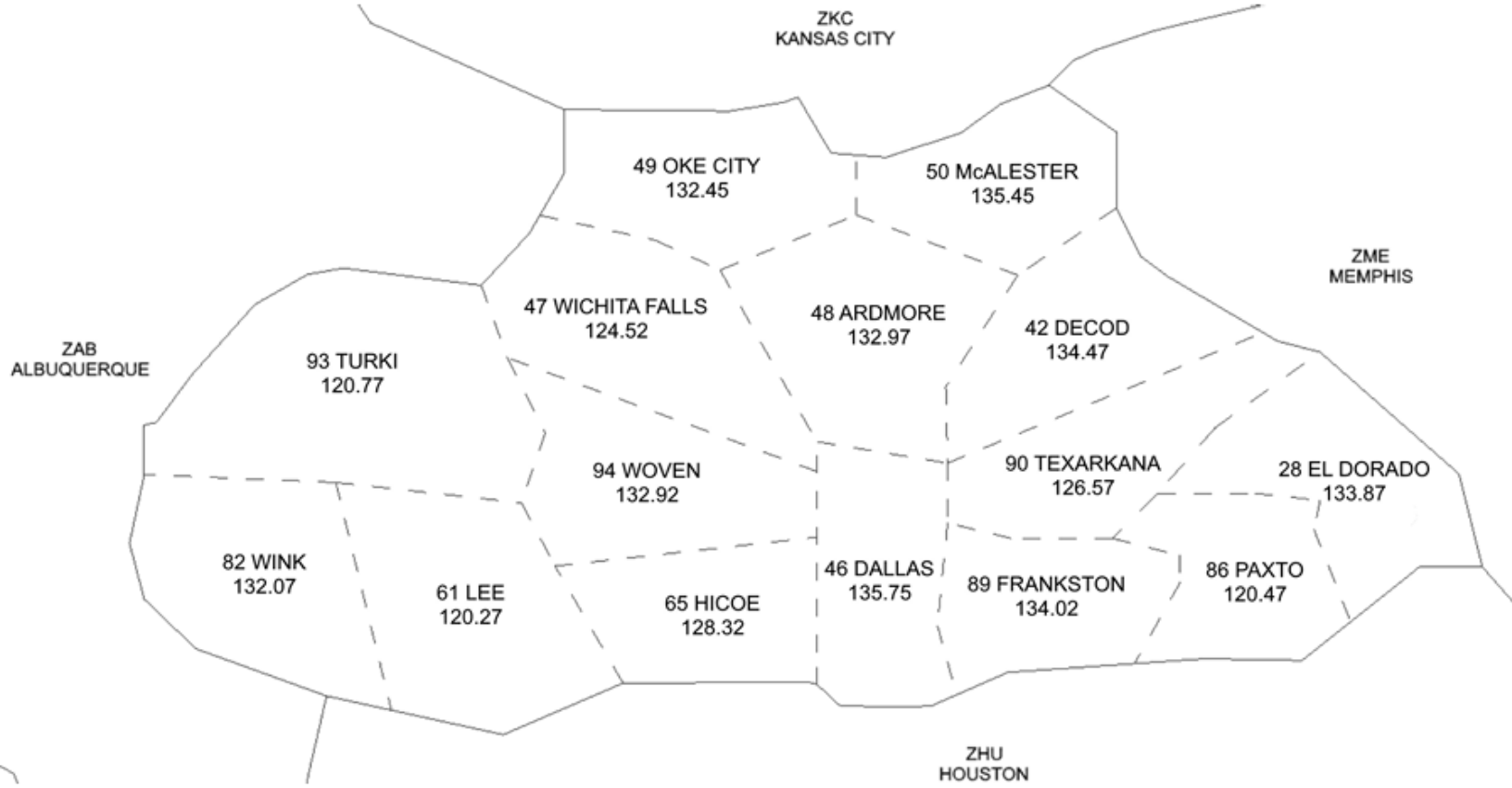
Attachment A.

TO	FROM/OVER	QUALIFIER	ROUTE
DFW	N of J52	RNAV Jet	(N) BRDJE STAR (S) SEEVR STAR
		Non-RNAV /Prop	WILBR STAR
	J52 and S	RNAV Jet	(N) WHINY STAR (S) BEREE STAR
		Non-RNAV /Prop	CQY STAR
DAL	N of J52	RNAV Jet	(N) CRIKT STAR (S) HIBIL STAR
		Non-RNAV /Prop	FINGR STAR
	J52 and S	RNAV	(N) MNNDO STAR (S) REDDN STAR
		Non-RNAV /Prop	YEAGR STAR
ESATS	N of J52	RNAV Jet	SLANT STAR
		Non-RNAV /Prop	FINGR STAR
	J52 and S	RNAV Jet	(N) EESAT STAR (S) LOADS STAR
		Non-RNAV /Prop	YEAGR STAR
WSATS	N of J52	RNAV Jet	TRUUK STAR
		Non-RNAV /Prop	SASIE STAR
	J52 and S	RNAV Jet	REEKO STAR
		Non-RNAV /Prop	DODJE STAR
HOUT	W of PGO	ALL	CVE and appropriate STAR
	Between PGO and J180	ALL	DHART.J180.SWB and appropriate STAR
	Overflying or E of J180	ALL	SWB and appropriate STAR
ELD/CDH	ALL	ALL	D040
MLUT	ALL	JET	X31E @130
		PROP	X31E @070
TXK	Entering ZFW 27 (TXK-L)	ALL	AOB230
SHVT	Entering ZFW 28 (ELD-H)	ALL AOA FL240	X ZFW/ZME boundary AOB FL300 descending to FL240 (can be PD)

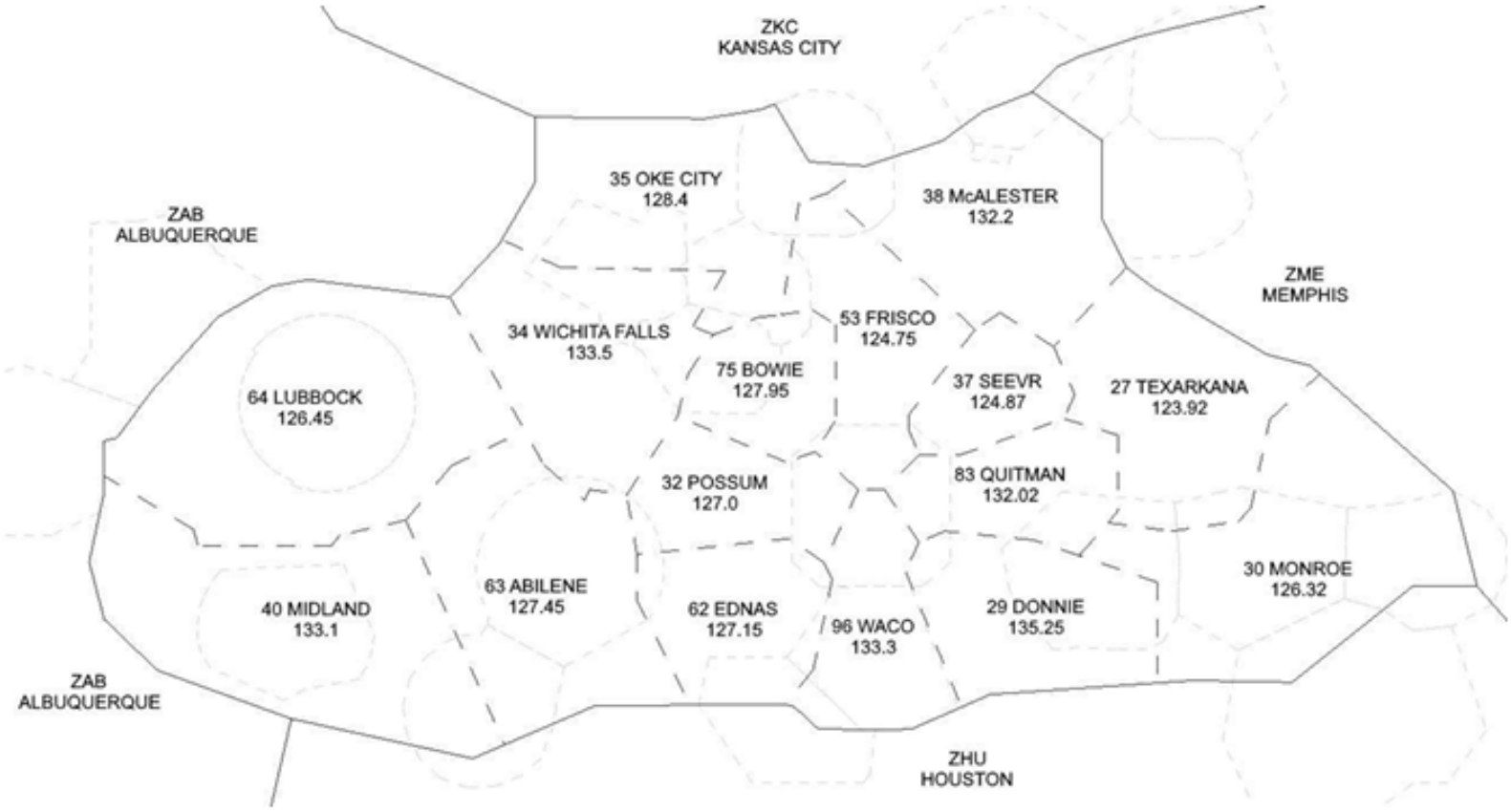
Attachment B.

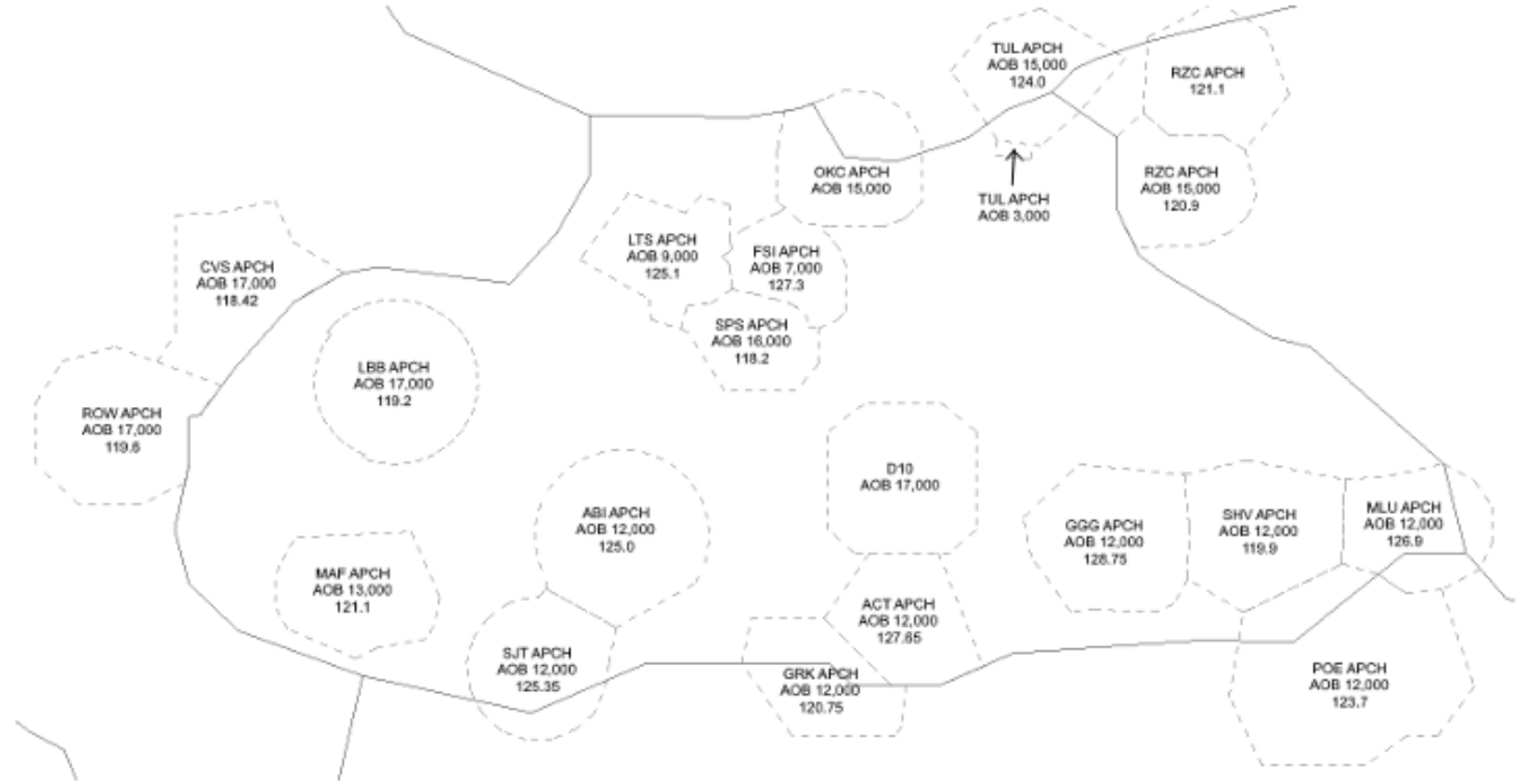
TO	FROM/OVER	QUALIFIER	ROUTE	RESTRICTION
MEM	Between J66 and J29	RNAV Jet	TXK/ELD.HOBRK STAR	
	Between J66 and J29	Non-RNAV/Prop	TXK/ELD.UJM STAR	
BNA	MEM/MEMFS	CHSNE STAR	Remain over MEM/MEMFS	
FSMT	ZFW 27 (TXK-L)	ALL AOA 160		D160
FYVT	ZFW 27 (TXK-L)	ALL AOA 240		D240
	ZFW 38 (MLC-L)	ALL AOA 160		D160
LITT	Between J29 and J66	ALL AOA 190		D190
JLN/HFJ/BBG	ZFW 50 (MLC-H)	ALL AOA 240		D240
SGF	ZFW 50 (MLC-H)	ALL AOA 330		X boundary @330
JAN	ZME 45 (VKS-H)	ALL AOA 310		X boundary AOB300 D240
via LIT	DFWT Departure	ALL AOA FL240	Remain on LIT transition	
via BSKAT	DFWT Departure	All AOA FL240	Remain on BSKATT transition	
ATL	J52 and S	All AOA FL240	ORRKK.GNDLF/HOBBT STAR	No shortcut past ORRKK
ORD	Between TXK/MLC line to SGF	ALL	Over SGF and WELTS.TRTLL/SHAIN STAR	

Attachment C. ZFW High

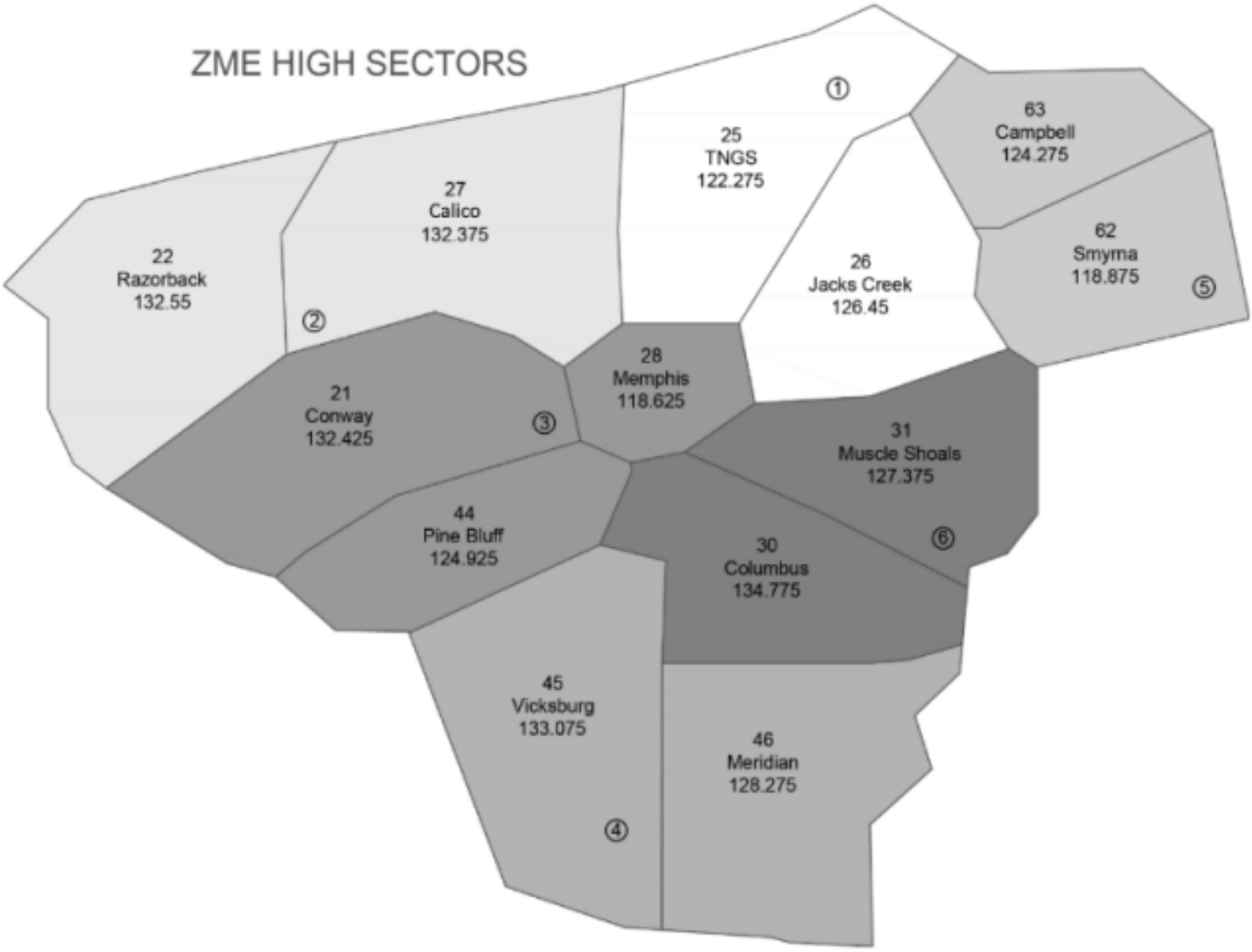


Attachment D. ZFW LOW and TRACONS

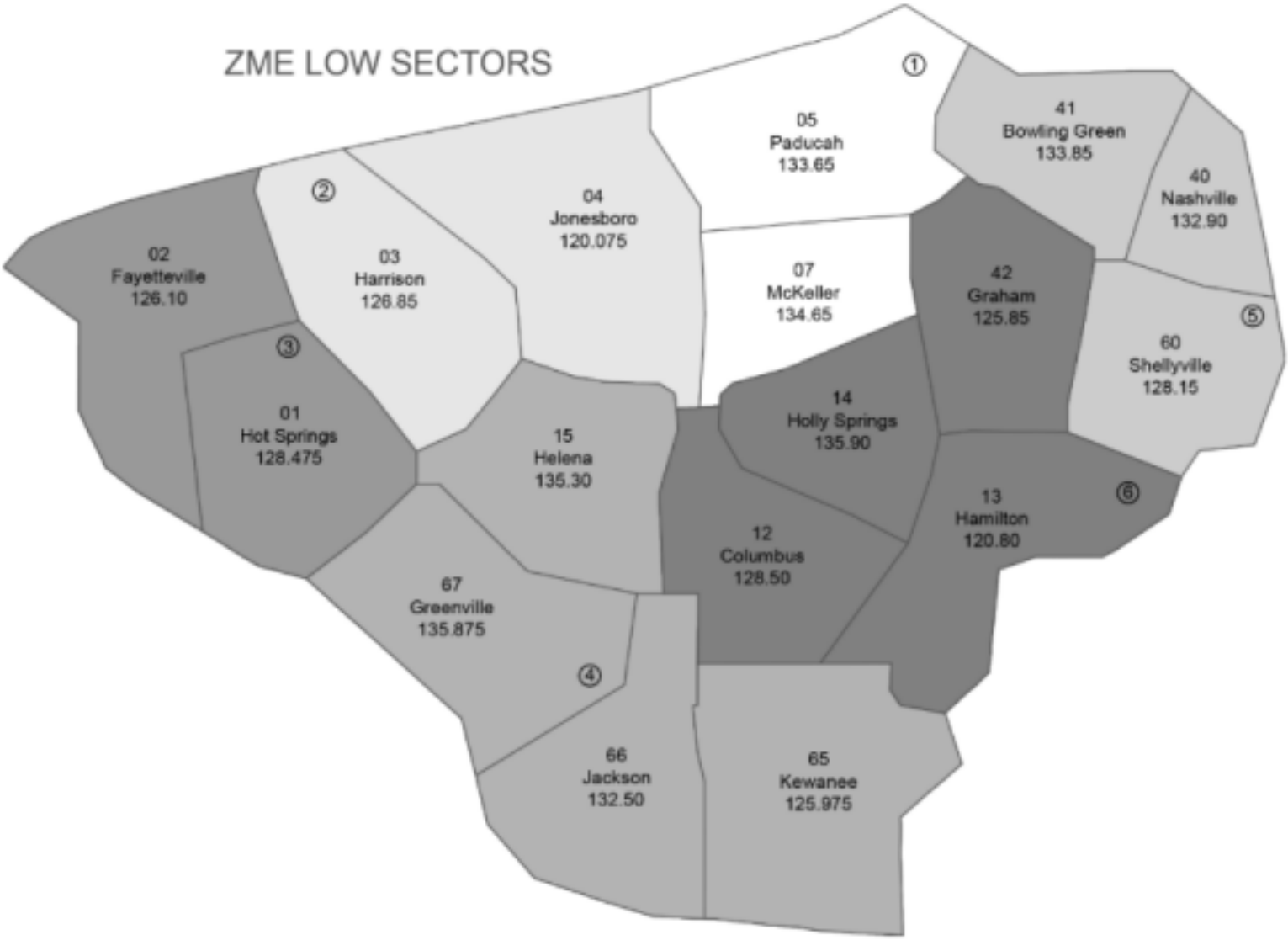




Attachment E. ZME High Sectors



Attachment F. ZME Low Sectors



Attachment G. ZME TRACONS