## ERAM Radar Associate Software for Flight Data Processing and Radar Interface Requirements (Simulated).

Contractor will develop and provide a flight data processor software program that simulates as many ERAM EDST (Enroute Decision Support Tool) functions as possible.

The Computer Human Interface (CHI) must not contradict nor deviate from the entries made in ERAM/EDST. The expectation is tempered with realistic expectations; this does not have to be a perfect replication of ERAM/EDST, but achieve a training simulation environment where entries made by students result in appearance and functional response that simulates what would happen if it was real. The GPD flight data processing and trial planning should very closely resemble what occurs in ERAM/EDST per the description and appearance portrayed in the CBIs that we have provided.

It is vital that the radar display, position symbols, radar targets and data blocks be precisely the same or as near possible to EDST/DSR appearance. The EDST display and functionality (aircraft list, departure list, special posting area, alert columns, toolbars, voice communication indicators, embedded route text (ERT) and Graphic Plans Display (GPD) must be simulated with as near as possible to EDST employed by FAA and reproduced in similar software designs such as SOLO or SIGNAL.

Lesson Plans 43 and 46 along with the attached power-point files depict the appearance and interaction between flight data processing and radar data processing required for a successful training simulator that we are seeking. The CBIs (Computer Based Instruction) files we have provided depict the operating appearance and performance necessary to conduct medium to high fidelity training replication of EDST and radar interface.

Functionality must include: trajectory modeling, aircraft to aircraft/aircraft to air space conflict probe, FDP to RDP interface, route display, HALO, maneuver start point (probe climb/descent to LOA and normal rate of climb/descent, alert probe up to 20 minutes in the future.

### Priority

- 1. Radar Display (maps, data blocks, lists) must conform to ERAM/DSR appearance as much as possible.
- 2. EDST Display must also conform in appearance as much as possible.
- 3. Alert columns must depict conflict probe of aircraft to aircraft and aircraft to airspace conflictions up to 20 minutes in the future.
- 4. Keyboard entry functionality should be the same as ERAM (Point-out protocol). PVDing a data block must be shown on EDST (Yellow then white).
- 5. Flight plan amendments and radar inputs should interface, i.e. an altitude amendment in the radar data block must send and show in EDST altitude columns.
- 6. EDST must provide trial planning of altitude changes. An altitude entry should show either RED/YELLOW or GREEN as trajectory modeling occurs.
- 7. Airspace is Aero Center, "Jackson Low" (Sector 66). See attached location identifiers that must be in the data base. See attached maps.

## UAA RFP P19-009 Attachment 1 - UAA ERAM Aviation Documentation

UAA En Route Identifiers

0M8	Byerley Airport, LA	FUZ	Ranger VORTAC, TX
871	Yazoo County, MS	GCV	Greene County VORTAC, MS
KABI	Abilene Vortac, TX	KGGG	Gregg County East Texas Regional Airport, TX
KABQ	Albuquerque, NM	GHM	Graham VORTAC, TN
KADW	Andrews AFB, MD	KGLH	Greenville, MS
KAEX	Alexandria, LA	KGPT	Gulf Port, MS
ΚΑΜΑ	Amarillo, TX	KGTR	Golden Triangle, MS
KATL	Atlanta, GA	KGWO	Greenwood, MS
KAUS	Austin, TX	KHBG	Hattiesburg, MS
KBAD	Barksdale AFB, LA	KHEZ	Natchez, MS
КВНМ	Birmingham, AL	кнкѕ	Hawkins Field, MS
КВІХ	Keesler AFB, MS	KJVW	John Bell Williams, MS
BLE	Lake Providence NDB, LA	HLI	Holly Springs VORTAC, MS
KBNA	Nashville, TN	HMU	Hammond VOR, LA
КВРТ	Beaumont, TX	КНОТ	Hot Springs, AR
KBTR	Baton Rouge, LA	кнои	Houston Hobby, TX
KCAE	Columbia, SC	КІАН	George Bush Intercontinental, TX
КСВМ	Columbus AFB, MS	КІСТ	Wichita, KS
CEW	Crestview VORTAC, FL	IGB	Bigbee VORTAC, MS
KCGI	Cape Girardeau, MO	KIND	Indianapolis, IN
КСНА	Chattanooga, TN	IRW	Will Rogers VORTAC, OK
KCLL	College Station, TX	KJAN	Jackson, MS
KCLT	Charlotte, NC	KJAX	Jacksonville, FL
CME	Chisum VORTAC, NM	KLAX	Los Angeles, CA
CNG	Cunningham VORTAC, KY	LBY	Eaton VORTAC, MS
KCOF	Patrick AFB, FL	LCH	Lake Charles, LA
CQY	Cedar Creek VORTAC, TX	KLFK	Lufkin, TX
KCVG	Cincinnati, KY (Covington Airport)	KLFT	Lafayatte, LA
KDAL	Dallas Love Field, TX	KLGC	LaGrange, GA
DAS	Daisetta VORTAC, LA	KLIT	Little Rock, AR
KDEN	Denver (International Airport), CO	KLLQ	Monticello, AR
KDFW	DFW Airport, TX	KLRF	Little Rock AFB, AR
KDTN	Shreveport Downtown Airport, LA	M13	Pearl River Airport, MS
KDYR	Dyersburg, TN	M41	Holly Springs Airport, MS
EIC	Belcher VORTAC, LA	КМСВ	McComb, MS
KEKY	Bessemer, AL	KMCI	Kansas City International, MO
KELD	El Dorado, AR	КМСО	Orlando International, FL
EMG	Elm Grove VORTAC, LA	KMEI	Meridian, MS
KESF	Esler Regional Airport, LA	КМЕМ	Memphis, TN
EWA	Kewanee VORTAC, MS	KMGM	Montgomery, AL
KFSM	Fort Smith, AR	KMIA	Miami, FL

UAA En Route Identifiers

KMOBMobile, ALKTYRTyler, TXMONMonticello VOR, ARKUBSLowndes County Airport, MSKMSYLouis Armstrong, LAKUCYUnion City, TNKNEWLake Front Airport, LAUJMMarvell VOR/DME, ARKNPANavy Pensacola, FLVHPBrickyard VORTAC, INKOFFOffutt AFB, NEKVKSVicksburg, MSKOKCWill Rogers Airport, OKVUZVulcan VORTAC, ALKORDChicago O'Hare, ILKWRBWarner-Robins AFB, GAKORDOrlando Executive, FLKWRIMcGuire AFB, NJKORLOrlando Executive, FLKWRIMcGuire AFB, NJKORLOrlando Executive, FLKWRIMcGuire AFB, NJKPDKDekalb-Peachtree Airport, GAKPDXPortland, ORKPDKDekalb-Peachtree Airport, GAKPDXPortland, ORKPDKDekalb-Peachtree Airport, FLKPOEFort Polk, LAKPRNGreenville, ALPXVPocket City VORTAC, INKRMGRome, GAKRSTSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTKSILKSUSSprint of St. Louis, MOKSUSSprint of St. Louis, MOSWBSawmill VOR/DME, LAKTLTuaeloosa, ALKTLHTalahassee, FLKTLHTalahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FL	KMLU	Monroe, LA	КТХК	Texarkana, AR
MONMonticello VOR, ARKUBSLowndes County Airport, MSKMSYLouis Armstrong, LAKUCYUnion City, TNKNEWLake Front Airport, LAUJMMarvell VOR/DME, ARKNMMNavy Meridian, MSKUOXOxford, MSKNPANavy Pensacola, FLVHPBrickyard VORTAC, INKOFFOffutt AFB, NEKVKSVicksburg, MSKOKCWill Rogers Airport, OKVUZVulcan VORTAC, ALKOMAOmaha, NEKWRBWarner-Robins AFB, GAKORLOrlando Executive, FLKWRWarner-Robins AFB, GAKPAHPaducah, KYKPBFPine Bluff, ARKPDXPortland, ORKPHXPhoenix, AZKPDXPortland, ORKPHXPhoenix, AZKPNSPensacola Gulf Coast Airport, FLKPRKPRNGreenville, ALFVPXVPocket City VORTAC, INKRMGRome, GAKRSNRuston, LAKSGFSpringfield, MOKSGFSpringfield, MOKSGFSpringfield, MOKSGTStuttgart, ARKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTIKTinker AFB, OKKTIHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATusalova, ALKTIHTallahassee, FLKTULTulsa, OK				·
KMSYLouis Armstrong, LAKUCYUnion City, TNKNEWLake Front Airport, LAUJMMarvell VOR/DME, ARKNEWLake Front Airport, LAUJMMarvell VOR/DME, ARKNEWNavy Pensacola, FLUHPBrickyard VORTAC, INKOFFOffutt AFB, NEKVKSVicksburg, MSKOKCWill Rogers Airport, OKVUZVulcan VORTAC, ALKOMAOmaha, NEKWRBWarner-Robins AFB, GAKORLOrlando Executive, FLKWRIMcGuire AFB, NJKORLOrlando Executive, FLKWRIMcGuire AFB, NJKPAHPaducah, KYKPBFPine Bluff, ARKPDKDekalb-Peachtree Airport, GAKPRNPortland, ORKPNSPensacola Gulf Coast Airport, FLKPRNGreenville, ALKPRNGreenville, ALPXVPortland, ORKSMGRome, GAKSATSan Antonio, TXKSGFSpringfield, MOKSGFStuttgart, ARKSLCSal Lake City, UTSGSSidon VORTAC, MSKSTFStarwille, MSKSTSarwille, MSKSTLLambert Field (St. Louis), MOKSUSSprint of St. Louis, MOSWBSawmill VOR/DME, LAKTLHTallahassee, FLKTIHTallahassee, FLKTHATallahassee, FLKTULTulsa, OKKULTulsa, OK				•
KNEWLake Front Airport, LAUJMMarvell VOR/DME, ARKNMMNavy Meridian, MSKUOXOxford, MSKNPANavy Pensacola, FLVHPBrickyard VORTAC, INKOFFOffutt AFB, NEKVKSVicksburg, MSKOKCWill Rogers Airport, OKVUZVulcan VORTAC, ALKOMAOmaha, NEKWRBWarner-Robins AFB, GAKORDChicago O'Hare, ILKWRBWarner-Robins AFB, GAKORLOrlando Executive, FLKWRIMcGuire AFB, NJKORLOrlando Executive, FLKWRIMcGuire AFB, NJKPAHPaducah, KYKPPKPresenauKPDKDekalb-Peachtree Airport, GAKPDXPortland, ORKPDXPortland, ORKPHXPhoenix, AZKPNSPensacola Gulf Coast Airport, FLKPRFKPRFKPRFGreenville, ALFVFVPXVPocket City VORTAC, INKRSNKuston, LAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSHVShreveport, LAKSTSaldon VORTAC, MSKSTFStarkwille, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawnill VOR/DME, LAKTIKTinker AFB, OKKTIHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTNAKTNPTwenty-nine Palms Airport, CAKTPAKTULTulsa, OKKTUL	KMSY	•		
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KNPANavy Pensacola, FLVHPBrickyard VORTAC, INKOFFOffutt AFB, NEKVKSVicksburg, MSKOKCWill Rogers Airport, OKVUZVulcan VORTAC, ALKOMAOmaha, NEKWRBWarner-Robins AFB, GAKORDChicago O'Hare, ILKWRIMcGuire AFB, NJKORLOrlando Executive, FLKWRIMcGuire AFB, NJKPAHPaducah, KYKPBFPine Bluff, ARKPDKDekalb-Peachtree Airport, GAKPDXPortland, ORKPDXPortland, ORKPHXPhoenix, AZKPNSPensacola Gulf Coast Airport, FLKPOEFort Polk, LAKPRNGreenville, ALSeventive, FLKRMGRXSNRuton, LAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGFSpringfield, MOKSGTStarkville, MSKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTLLambert Field (St. Louis), MOKSUSSarit of St. Louis, MOSWBSawmill VOR/DME, LAKTLTalahassee, FLKTILTalahassee, FLKTILTalahassee, FLKTULTuisa, OKTuisa, OK	KNMM			• •
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KOKCWill Rogers Airport, OKVUZVulcan VORTAC, ALKOMAOmaha, NEKWRBWarner-Robins AFB, GAKORDChicago O'Hare, ILKWRIMcGuire AFB, NJKORLOrlando Executive, FLKWRIMcGuire AFB, NJKPAHPaducah, KYKPBFIme Bluff, ARKPDKDekalb-Peachtree Airport, GAKKPDXPortland, ORKKPHXPhoenix, AZKKPOEFort Polk, LAKPOEFort Polk, LAKRNGGreenville, ALPXVPocket City VORTAC, INKRSNRuston, LAKSATSan Antonio, TXKSGFSpringfield, MOKSGTStuttgart, ARKSHVShreveport, LAKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSUSSprint of St. Louis, MOKSUSSprint of St. Louis, MOSWBSawmill VOR/DME, LAKTLTalahassee, FLKTILTalahassee, FLKTILTalahassee, FLKTULTulsa, OK	KOFF	Offutt AFB, NE		•
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KPAHPaducah, KYKPBFPine Bluff, ARKPDKDekalb-Peachtree Airport, GAKPDXPortland, ORKPHXPhoenix, AZKPNSPensacola Gulf Coast Airport, FLKPOEFort Polk, LAKPNNGreenville, ALPXVPocket City VORTAC, INKRMGRome, GAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSHVShreveport, LAKSLCSaid Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTILTinker AFB, OKKTILTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KORD	Chicago O'Hare, IL	KWRI	McGuire AFB, NJ
KPBFPine Bluff, ARKPDKDekalb-Peachtree Airport, GAKPDXPortland, ORKPDXPortland, ORKPHXPhoenix, AZKPNSPensacola Gulf Coast Airport, FLKPOEFort Polk, LAKPNRGreenville, ALPXVPocket City VORTAC, INKRMGRome, GAKRSNRuston, LAKSATSan Antonio, TXKSGFSpringfield, MOKSGTStuttgart, ARKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTFStarkville, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTILTuscaloosa, ALKTILTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KORL	Orlando Executive, FL		
KPDKDekalb-Peachtree Airport, GAKPDXPortland, ORKPDXPhoenix, AZKPNSPensacola Gulf Coast Airport, FLKPOEFort Polk, LAKPNNGreenville, ALPXVPocket City VORTAC, INKRMGRome, GAKRSNRuston, LAKSATSan Antonio, TXKSGFSpringfield, MOKSGTStuttgart, ARKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTLTuscaloosa, ALKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	КРАН	Paducah, KY		
KPDXPortland, ORKPHXPhoenix, AZKPNSPensacola Gulf Coast Airport, FLKPOEFort Polk, LAKPOEFort Polk, LAKPRNGreenville, ALPXVPocket City VORTAC, INKRMGRome, GAKRSNRuston, LAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTULTulsa, OK	KPBF	Pine Bluff, AR		
KPHXPhoenix, AZKPNSPensacola Gulf Coast Airport, FLKPOEFort Polk, LAKPOEFort Polk, LAKPRNGreenville, ALPXVPocket City VORTAC, INKRMGRome, GAKRSNRuston, LAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTILTuscaloosa, ALKTILTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KPDK	Dekalb-Peachtree Airport, GA		
KPNSPensacola Gulf Coast Airport, FLKPOEFort Polk, LAKPRNGreenville, ALPXVPocket City VORTAC, INKRMGRome, GAKRSNRuston, LAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTIKTinker AFB, OKKTIHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KPDX	Portland, OR		
KPOEFort Polk, LAKPRNGreenville, ALPXVPocket City VORTAC, INKRMGRome, GAKRSNRuston, LAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTLLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	КРНХ	Phoenix, AZ		
KPRNGreenville, ALPXVPocket City VORTAC, INKRMGRome, GAKRSNRuston, LAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTFStarkville, MSKSUSSpirit of St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KPNS	Pensacola Gulf Coast Airport, FL		
PXVPocket City VORTAC, INKRMGRome, GAKRSNRuston, LAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSHVShreveport, LAKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KPOE	Fort Polk, LA		
KRMGRome, GAKRSNRuston, LAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSHVShreveport, LAKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSUSSpirit of St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTLLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KPRN	Greenville, AL		
KRSNRuston, LAKSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSHVShreveport, LAKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	PXV	Pocket City VORTAC, IN		
KSATSan Antonio, TXKSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSHVShreveport, LAKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KRMG	Rome, GA		
KSDFLouisville (Standiford Airport), KYKSGFSpringfield, MOKSGTStuttgart, ARKSHVShreveport, LAKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KRSN	Ruston, LA		
KSGFSpringfield, MOKSGTStuttgart, ARKSHVShreveport, LAKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KSAT	San Antonio, TX		
KSGTStuttgart, ARKSHVShreveport, LAKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KSDF	Louisville (Standiford Airport), KY		
KSHVShreveport, LAKSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KSGF	Springfield, MO		
KSLCSalt Lake City, UTSQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KSGT	Stuttgart, AR		
SQSSidon VORTAC, MSKSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KSHV	Shreveport, LA		
KSTFStarkville, MSKSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KSLC	Salt Lake City, UT		
KSTLLambert Field (St. Louis), MOKSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	SQS	Sidon VORTAC, MS		
KSUSSpirit of St. Louis, MOSWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KSTF	Starkville, MS		
SWBSawmill VOR/DME, LAKTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KSTL	Lambert Field (St. Louis), MO		
KTCLTuscaloosa, ALKTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KSUS	Spirit of St. Louis, MO		
KTIKTinker AFB, OKKTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	SWB	Sawmill VOR/DME, LA		
KTLHTallahassee, FLKTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	KTCL	Tuscaloosa, AL		
KTNPTwenty-nine Palms Airport, CAKTPATampa International, FLKTULTulsa, OK	κτικ	Tinker AFB, OK		
KTPA Tampa International, FL KTUL Tulsa, OK		-		
KTUL Tulsa, OK				
		•		
KTUP Tupelo, MS				
	KTUP	Tupelo, MS		

# **Location Identifiers Map**



4



#### UAA RFP P19-009 Attachment 1 - UAA ERAM Aviation Documentation

