



Texas Military Department

INSTRUCTION

TMDI 4000.01
NOV 07 2022
NGTX-DOL

SUBJECT: Lone Star Rigging Instruction

References.

- a. AR 59-4 Joint Airdrop Inspection Records, Malfunction/Incident Investigations Activity Reporting, RAR 23 June 2009
- b. AR 750-32, Airdrop, Parachute Recovery, Aircraft Personnel Escape Systems, RAR 4 April 2011
- c. National Guard Position Description #NGD2130000 Aerial delivery Specialist WG-5210-10
- d. USASOC Regulation 350-2 RAR 13 December 2019

1. PURPOSE. The Lone Star Rigging Instruction (LSRI) codifies responsibilities of all members and units of the Texas Army National Guard aerial delivery mission. The LSRI establishes instruction that creates efficiencies and streamlines processes. The LSRI is necessary to provide premier support in terms of safety, proficiency, and capability to internal and external customers to TMD. Examples of support include (but are not limited to) jumpmaster teams, malfunction officers, personnel, cargo, and maintenance airdrop support. The LSRI establishes Texas as the ARNG Center of Excellence for Airborne and Aerial delivery.

2. APPLICABILITY AND SCOPE. Applies to TXARNG Units, Aerial Delivery Support Facilities with Soldiers who possess an AOC 92A/R9 or MOS 921A or 92R series Army Parachute Riggers and Federal Technicians employed in support of Aerial delivery missions.

3. DEFINITIONS. The term "Lone Star Rigging" (LSR) refers to all individuals with the AOC 92A/R9, 921A, 92R series and units with an aerial delivery mission. The term "internal customer" refers to all Texas Military Department members or organizations requesting airborne or aerial delivery support. The term "external customer" refers to any individual or organization DOD-wide (including ARNG), CONUS or OCONUS, requesting aerial delivery support from TMD.

4. POLICY. Lone Star Rigging is a community network established to integrate the TMD aerial delivery community and resources based on mutually supportive missions, training, readiness, and safety requirements. The TMD LSR community includes the 36th Quartermaster DET (WPR2AA), 294th QM Co (WX9AAA), 197th Special Troops Support Company; Aerial delivery Section (WPZHAA), the 71st Rigger Support Team (RST)(WPAGAA), Aerial delivery Support Facility (ADSF) #1 (W970AA), and Aerial Delivery Support Facility (ADSF) #2 (W970A1).

a. The LSR mission is to plan, coordinate and execute airborne and aerial delivery support operations in accordance with applicable safety and procedural issuances and/or regulatory guidance; and to train Army National Guard (ARNG), United States Army (USA), United States Army Reserve (USAR), United States Marine Corp (USMC), United States Marine Corp Reserve (USMCR), Air National Guard (ANG), United States Air Force (USAF), United States Air Force Reserve (USAFR), United States Navy (USN), United States Navy Reserve (USNR) Coast Guard (CG) and Coast Guard Reserve (CGR) on all core Military Occupational Specialty (MOS) specific tasks pertaining to Airborne and Aerial delivery Support Operations. (References: National Guard Position Description #: NGD2130000 Aerial delivery Specialist WG-5210-10 b. Duties and Responsibilities Paragraph 8 and FMS Web MTOE/TDA unit mission descriptions).

b. The TMD proponent for all Airborne and Aerial delivery support is the State Parachute Office (SPO) under the Director of Logistics, J4. The SPO works in close coordination with the J3 and Occupational, Safety, and Health Office to ensure training readiness and safety standards are performed in accordance (IAW) with applicable issuances and/or regulatory guidance. Reference Enclosure 1, TMD Aerial delivery Organization Chart.

5. RESPONSIBILITIES. The following responsibilities are assigned IAW the above listed references:

a. The Deputy Adjutant General - Army (DAG-A) – Texas Army National Guard (TXARNG):

(1) Appoints the 36th Quartermaster Detachment (QM DET) as the State Parachute Office (SPO) under the Director of Logistics (DOL J4) to manage all Airborne and Aerial Delivery Support Operations for the TMD.

(2) Appoints the State Parachute Officer to serve as the managing officer and approval authority for Airborne and Aerial Delivery Support Operations for the TMD.

(3) Appoints the SPO Airdrop Systems Technician (MOS 921A or MOS

92R4P) to serve as the TMD subject matter expert (SME). The SPO Airdrop Systems Technician serves as state senior airdrop advisor and is a Full Time Employee (FTE) AGR position reporting to the DOL.

b. Director of Logistics (DOL J4):

(1) Appoints the TXARNG Aerial Delivery Support Facility Supervisor(s) (ADSF). The appointed ADSF Supervisor is charged with control and direction of the assigned airborne and aerial delivery support activity.

(2) The DOL supervises the SPO and provides oversight in the administration of the LSRI.

c. The State Parachute Office (36th QM DET):

(1) The SPO Acts as advisory staff to The Adjutant General of the Texas Military Department, J3 and J4, Deputy Adjutant General Army, Division Commander, and Troop Command Commander on all airborne and airdrop support operations and is the liaison between TMD staff, MSC staff, aerial delivery units and ADSFs for all airborne and aerial delivery operations. (ATP 4-48 para. 1-76, 1-120).

(2) Receives, approves and assigns all airborne and aerial delivery mission support requests to the appropriate entity utilizing the MDMP process in coordination with unit subject matter experts (SME). Reference Enclosure 2 for TMD aerial delivery Support Request Process Map.

(3) The SPO in coordination with the ADSF Supervisors, manages the eLonestar Portal SPO page and Airdrop Support Request Tracker. Conducts continuous assessment in coordination with the ADSF Supervisors and unit commanders to maintain relevant policy.

(4) The State Parachute Office (SPO)e coordinates rigging activities to ensure, regardless of UIC or duty status, all support activities are conducted identically IAW applicable ARs, TMs, FMs or Lone Star Rigging Policy/SOP.

(5) Prepares feedback and attends the U.S. Army Quartermaster Center Triannual Airdrop Malfunction and Safety Analysis Review Board, Static Line Symposium, Bi-annual Army Airborne Board, and Annual Parachute Operation Mishap Prevention Orientation Course (POMPOC).

(6) Appoints additional full time staff members of the State Parachute Office to oversee, assist and assess Airborne and Aerial Delivery Support Operations.

(7) The SPO will coordinate with the Aerial Delivery Support Facilities (ADSF) and Aerial Delivery units (ADU), sections and detachments to accomplish airborne and aerial delivery Staff Assisted Visits (SAVs) and Quarterly Assessments, and Annual Inspections.

(8) The SPO Senior Airdrop Systems Technician provides oversight to the ADSF and performs the role of supervisor to the ADSF supervisors. The SPO Senior Airdrop Systems Technician will secure Jump Proficiency funding working ICW the owning M-day unit for ADSF personnel and based on ADSF Supervisor budget forecasts.

(9) In connection week J3 and OSHO, SPO establishes and facilitates bi-annual TMD Airborne and Aerial delivery Symposium.

(10) Manages and coordinates the staffing, equipping and training for the TXARNG Parachute Demonstration Team "The Lone Stars".

d. TXARNG ADSF Supervisor(s):

(1) Publishes the ADSF external standard operating procedures (SOP) outlining ADSF processes to support customer units. Responsible for the facility, assigned personnel and all support activity/operations conducted within the facility.

(2) The ADSF Supervisor ICW Unit Commander, provides parachute maintenance, parachute pack, equipment rigging and Airborne Operation support. ADSF supervisors will work with the Unit Commanders to ensure that Airborne or Aerial delivery support operations have the appropriate personnel in conjunction with IDT or other unit collective training events.

(3) Will forecast funding requirements IOT maintain jump proficiency requirements to the SPO for funding through the DOL J4.

(4) Prepares feedback and attends the Tri-annual U.S. Army Quartermaster Center Airdrop Malfunction and Safety Analysis Review Board, Bi-annual Static Line Symposium, Bi-annual Army Airborne Board, and Annual Parachute Operation Mishap Prevention Orientation Course (POMPOC).

e. Quartermaster/Parachute Rigger MTOE/TDA Commanders:

(1) Appoint the most senior unit Airdrop Systems Technician (921A) as the unit liaison to the ADSF and SPO. The unit Senior Airdrop Systems Technician is the technical SME and advisor for all airborne and aerial delivery support operations within the unit.

(2) Attends and nominates other unit members to attend the Tri-annual U.S. Army Quartermaster Center Airdrop Malfunction and Safety Analysis Review Board, Bi-annual Static Line Symposium, Bi-annual Army Airborne Board, and Annual Parachute Operation Mishap Prevention Orientation Course (POMPOC).

(3) Commanders are charged with ensuring rigging procedures are conducted IAW appropriate Technical Manuals.

(4) Commanders will work with ADSF supervisors to ensure that Airborne or

Aerial delivery support operations have the appropriate personnel in conjunction with IDT or other unit collective training events.

(5) Unit MTOE parachutes and aerial delivery equipment will be managed and maintained at the ADSF, IAW the ADSF External SOP. Unit property is accounted for on the owning unit's organizational property book, IAW 710-2, and hand receipted to the ADSF as outlined in DA PAM 710-2, Ch. 2.


6. INFORMATION REQUIREMENTS. This issuance is in accordance with state/federal law/DoD guidance.

7. RELEASABILITY. This issuance is releasable TMD wide and may be provided to individuals or organizations outside TMD upon request through the SPO.

8. EFFECTIVE DATE. This instruction remains in effect indefinitely or until rescinded or superseded.

9. POINT OF CONTACT. Point of contact is the SPO Senior Airdrop Systems Technician at 512-782-1033.

- 3 Encls
- 1. AD Organization Chart
- 2. Process Map
- 3. Glossary

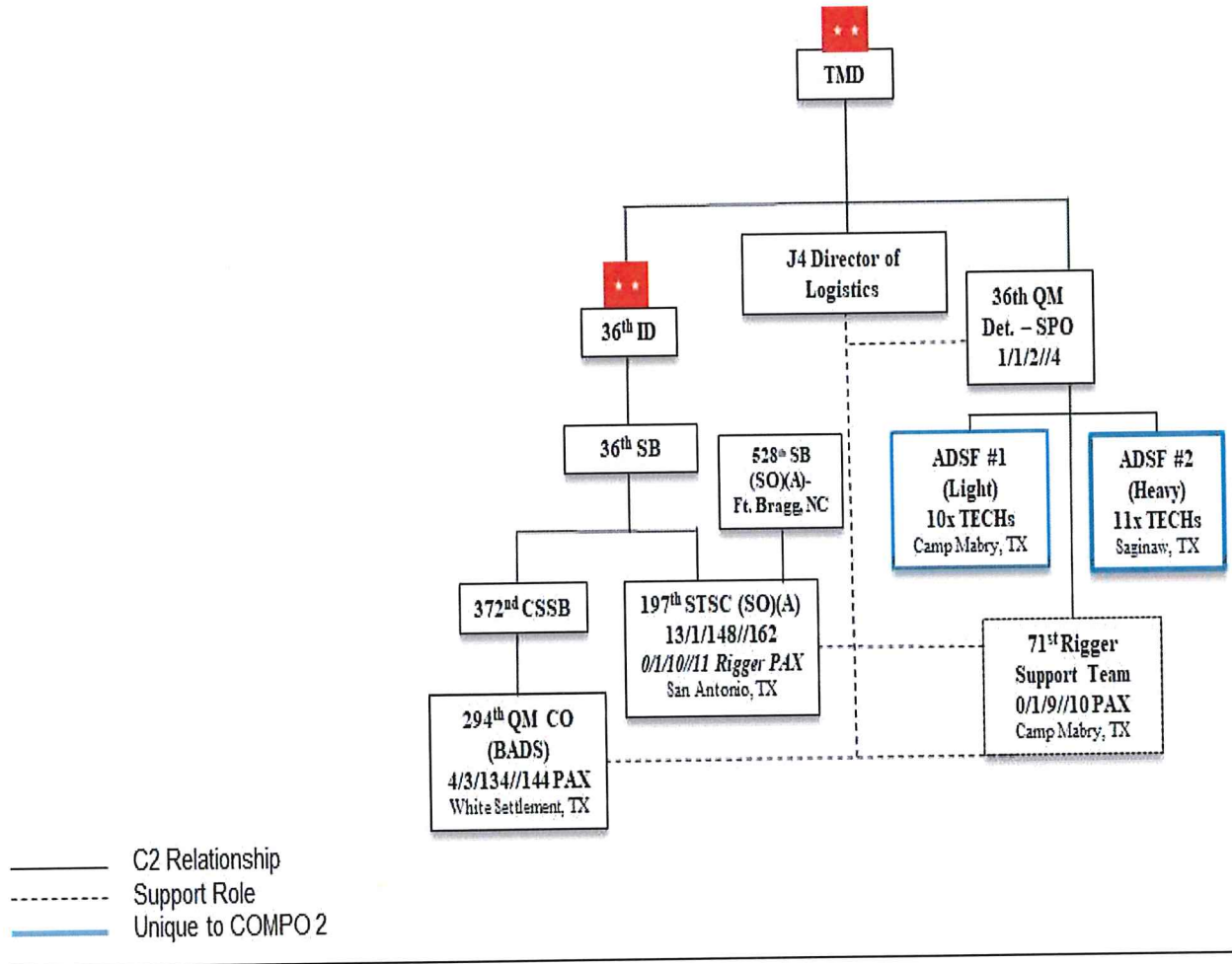

THOMAS M. SUELZER
Major General, TXANG
Adjutant General

DISTRIBUTION:



Enclosure 1

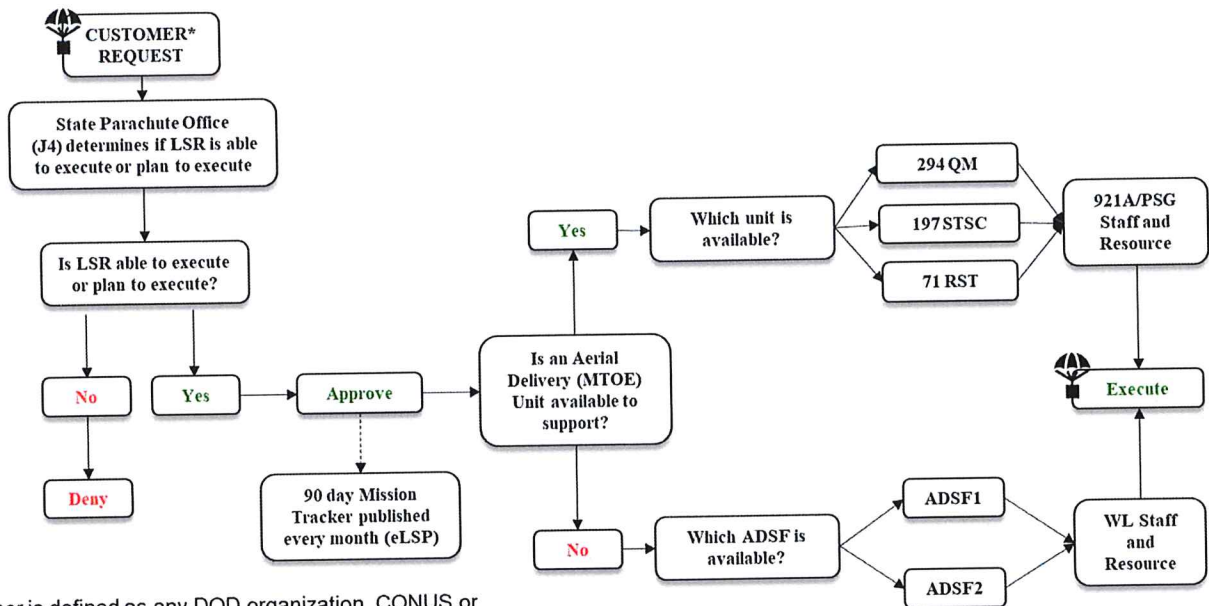
Aerial Delivery Organization Chart



PROCESS MAP

**Lone Star Rigging (LSR)
Support Request Process Chart**

<https://portal.tx.ng.mil/arg/arg004/SitePages/Lonestar%20Riggers.aspx>



*Customer is defined as any DOD organization, CONUS or OCONUS, requesting Aerial Delivery Support either internal or external to TMD, with or without an MOA/MOU.

Enclosure 3

GLOSSARY

1. External customer – any individual or organization DOD-wide including ARNG, CONUS or OCONUS, requesting aerial delivery support from TXARNG.
2. Internal customer – any TMD individual or organization requesting airborne or aerial delivery support.
3. Lone Star Rigging (LSR) – all individuals with the AOC 92A/R9, 921A, 92R series and units with an Aerial delivery mission.

MTOE Mission Descriptions-

1. 294th Quartermaster Company – supports up to an Airborne Infantry Brigade with parachute packing services. This unit will also provide aerial delivery support for the Army, Joint Forces, or host nations not to exceed 67 short tons per day. Provides personnel and cargo parachute supply, parachute packing, and aerial delivery equipment repair. Directs all phases of the company mission and aerial delivery activities. Plans, coordinates, and supervises aerial delivery operations and directs aerial delivery mission ICW the SPO.
2. 197th STSC (SO)(A)- provide rapidly deployable sustainment support and Level 1 Combat Health Support to deployed Army Special Operations Forces (ARSOF) worldwide in a forward staging base or remote marshalling base in support of the Sustainment Brigade, Special Operations, Airborne (SB)(SO)(A).
 - a. The Aerial Delivery (AD) section is assigned to provide cargo airdrop missions up to small scale heavy drop operations in support of ARSOF, USASOC and USSOCOM interoperability and TMD operations. Support personnel parachute operations up to and including Military Free Fall operations IAW USASOC Regulation 350-2 Table 20-1.
3. 71st Rigger Support Team (RST) will provide personnel parachute packing for static line and military free fall operations. It will also provide cargo parachute packing, (Container Delivery System (CDS) and Joint Precision Airdrop System (JPADS) and field level maintenance of aerial delivery items in support of any TMD or customer unit ICW the SPO.
4. The Senior Airdrop Systems Technician, 36th Sustainment Brigade – Serves as

the primary liaison between the SPO, Sustainment Brigade, CSSB and company level Airdrop operations to include the ADSFs and TDAs to accomplish the sustainment brigade mission. They are appointed as the SME to the Sustainment Brigade Commander for Airborne and Airdrop Operations and works closely with the State Parachute Office, and company level Airdrop Systems Technicians and ADSF Supervisors to accomplish the mission. Prepares feedback and attends the U.S. Army Quartermaster Center Triannual Airdrop Malfunction and Safety Analysis Review Board, Static Line Symposium, Bi-annual Army Airborne Board, and Annual Parachute Operation Mishap Prevention Orientation Course (POMPOC).

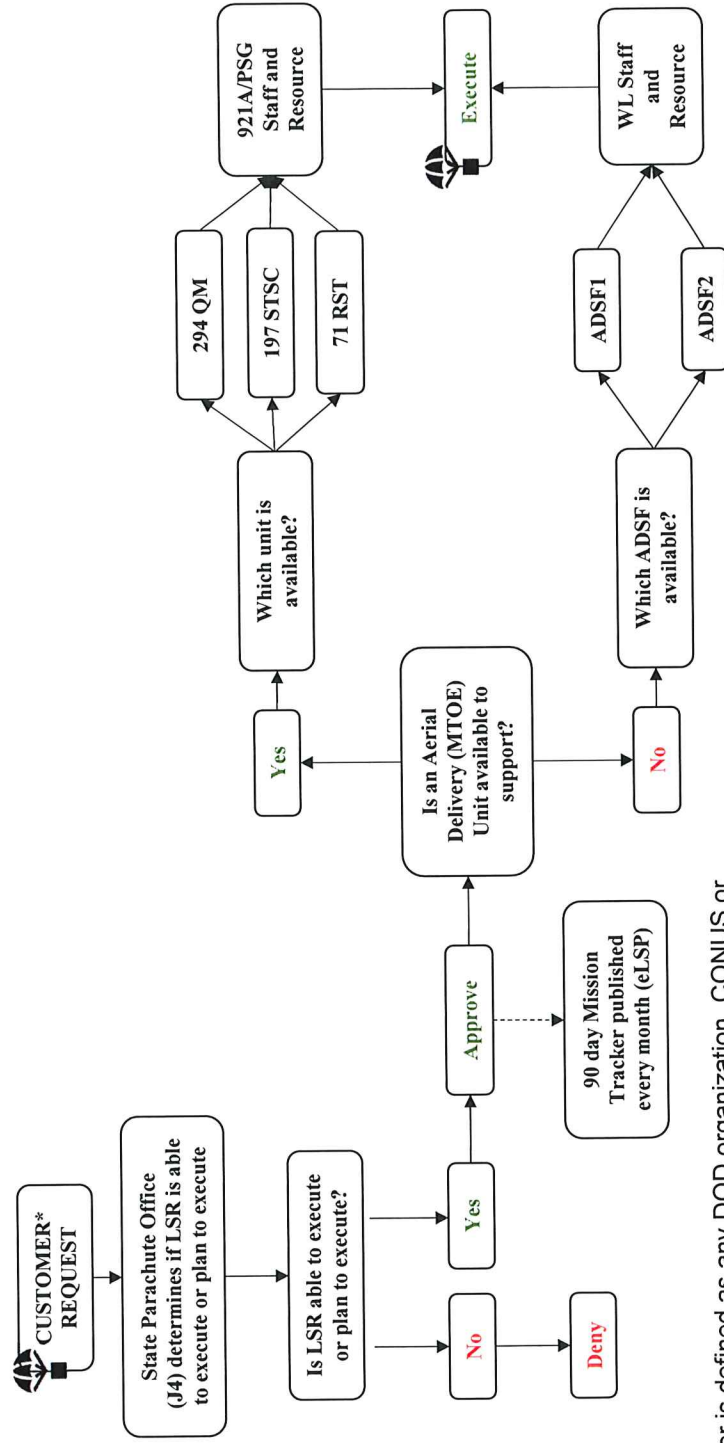
5. The Airdrop Officer AOC 92A(R9) 372nd CSSB – supports the 294th QM CO with the coordination and logistical support of airborne and aerial delivery support missions.

6. ADSF #1 – primary mission is to manage, store, issue and maintain personnel parachutes and to support airborne and airdrop operations for TMD or any Sister Service IAW the Lone Star Rigging Mission. Their secondary mission is to repair parachutes and airdrop equipment and provide aerial delivery support.

7. ADSF #2 – primary mission is to manage, store, issue and maintain all aerial delivery equipment for the TXARNG, to conduct aerial delivery operations for all customer units, to provide parachute and aerial delivery equipment maintenance and to support airborne and aerial delivery operations for the TMD and Sister Services IAW the Lone Star Rigger Mission. Their secondary mission is to provide personnel parachute pack operations.

Lone Star Rigging (LSR) Support Request Process Chart

<https://portal.tx.ng.mil/arg/arg004/SitePages/Lonestar%20Riggers.aspx>



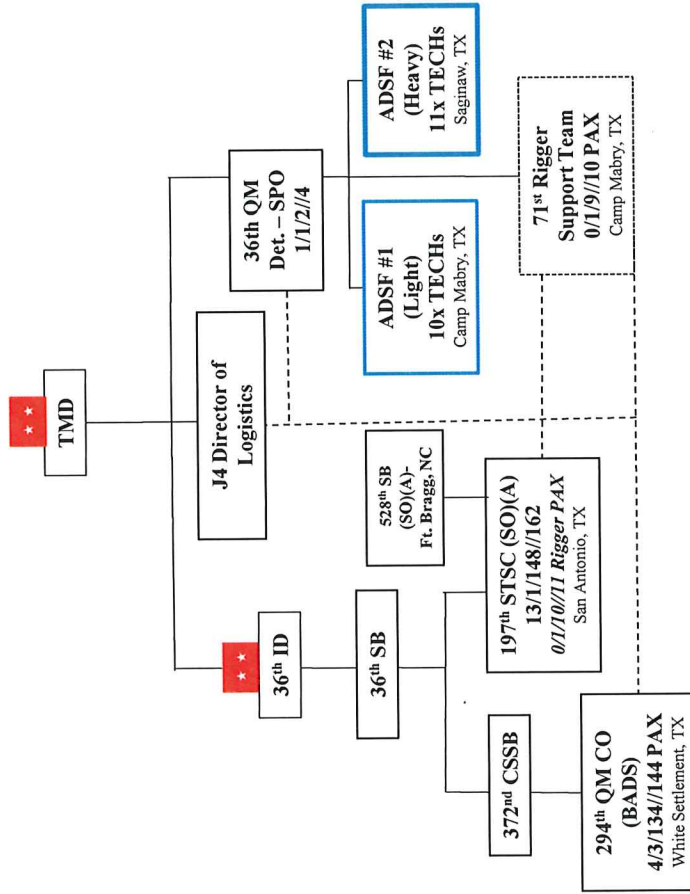
*Customer is defined as any DOD organization, CONUS or OCONUS, requesting Aerial Delivery Support either internal or external to TMD, with or without an MOA/MOU.



TEXAS MILITARY DEPARTMENT

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Aerial Delivery Organization Chart



- C2 Relationship
- - - Support Role
- Unique to COMPO 2



TEXAS MILITARY DEPARTMENT

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