On September 15, 2004, at the request of FEMA, TX-TF1 deployed a Type-III US&R Task Force to the Alabama Gulf Coast in preparation for the landfall of Hurricane Ivan. The following day, Hurricane Ivan struck Alabama and the Florida Gulf Coast as a Category 3 Hurricane with 130 miles per hour winds.

TX-TF1 spent 4 days clearing 576 houses and condominium structures in the heavily damaged cities of Orange Beach and Gulf Shores, Alabama. Additionally, TX-TF1 used GPS equipment to remap the area’s roads and streets for emergency response personnel, which was compromised after Ivan’s wind tore down most of the signage and caused massive amounts of debris. TX-TF1 completed their mission in Alabama, and returned to College Station on September 20.

A few days later, Ivan looped across the Southeastern United States back into the Gulf of Mexico, strengthened to a Tropical Storm, and threatened the Texas Coast. On September 23, TX-TF1 deployed again, but this time at the request of GDEM, with a Type-III US&R Task Force and 12 HSARTS supporting 2 UH-60 Blackhawk Helicopters. Task force members were staged and on stand-by in College Station and Austin, while 25 Texas Army National Guard High Profile Vehicles and 60 Soldiers were on standby in San Antonio. Luckily, there was little damage and less rain than expected, allowing all HSARTs to demobilize on September 24 and the Type-III US&R Task Force to demobilize on September 25.