



ORANGE COUNTY AIRPORT
ORANGE, TEXAS

ALP UPDATE

EXECUTIVE SUMMARY





INTRODUCTION

Orange County Airport (ORG) encompasses 337 acres in the easternmost part of Texas, 100 miles from Houston, TX. ORG is owned by Orange County, Texas and uses the airport as an important general aviation transportation resource for the traveling public, and businesses throughout the region. In 2024, the County updated the Airport Layout Plan to focus on the future of ORG and how it will need to grow to meet demands and opportunities.

ORG works closely with the Texas Department of Transportation (TxDOT) Aviation Division through their Block State Program with the Federal Aviation Administration (FAA) to plan and develop the Airport. This project was supported by this program and included input and review by TxDOT and FAA. A Master Drainage Plan was also included in this study and the results of which are illustrated on the Airport Layout Plan.

FUTURE DEMAND

ORG serves as one of the region’s primary gateways to the nation. The Airport supports a wide range of activities including recreational, training, military, business, agricultural, medical and other flight operations. The Airport currently accommodates 23 based aircraft and sees over 12,000 aircraft operations annually.

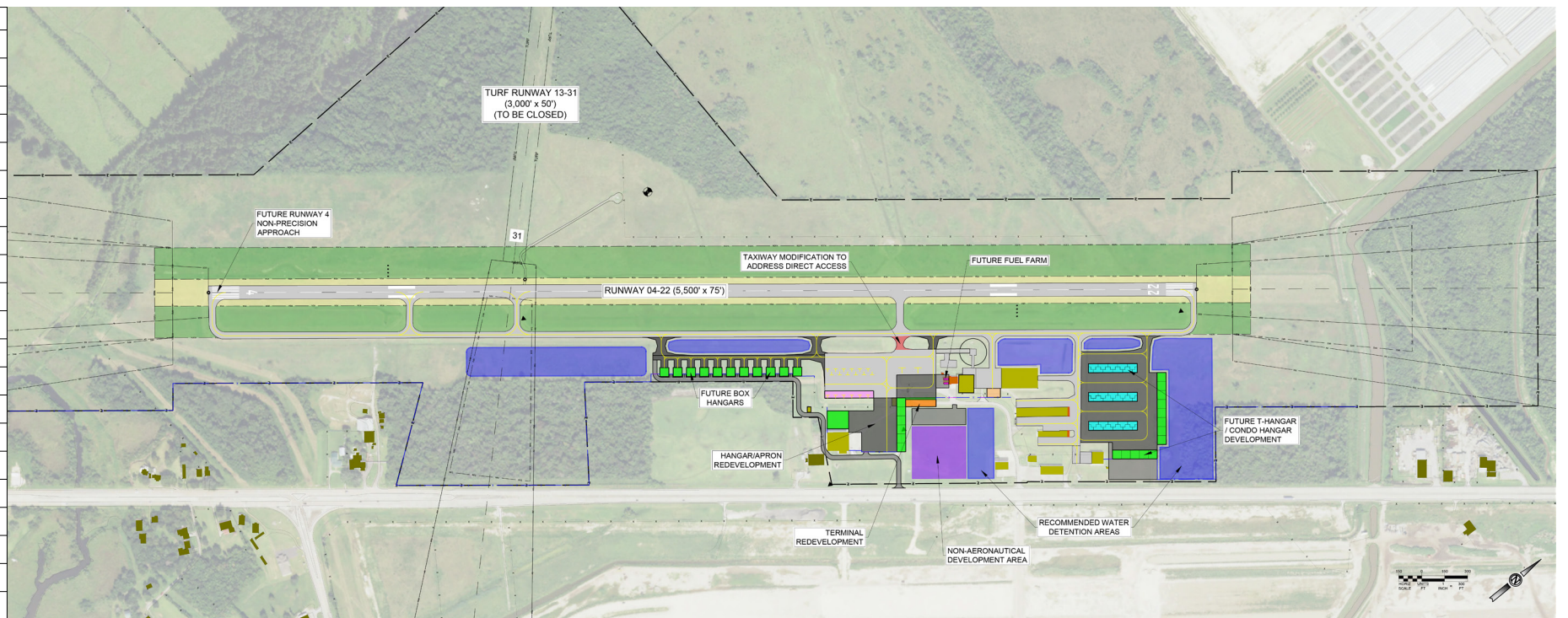
It is anticipated that ORG will experience moderate growth over the next 20 years. This growth will require the development of additional facilities and improvements to meet FAA safety requirements. Small and medium sized corporate jet aircraft use the Airport today and will continue to be a focal point for expansion.

IMPLEMENTATION PLAN

Over the next 20 years and beyond, development at ORG is expected to reach new levels in safety, convenience, and service for the many businesses and individuals that use the Airport. ORG’s Capital Improvement Program (CIP) is divided into three phases: Phase I (short-term, 2024-2028), Phase II (intermediate-term, 2029-2033), Phase III (long-term, 2034-2043). The CIP prioritizes recommendations with planned maintenance. Development costs will be shared among various stakeholders (Orange County, FAA, TxDOT, and private developers) based on federal and state funding eligibility.

FUTURE IMPROVEMENTS

LEGEND	
RUNWAY CENTERLINE	---
RUNWAY SAFETY AREA (RSA)	[Yellow Box]
RUNWAY OBJECT FREE AREA (ROFA)	[Green Box]
RUNWAY PROTECTION ZONE (RPZ)	[Dashed Line]
PROPERTY LINE	---
BUILDING RESTRICTION LINE (BRL) (25')	---
EXISTING CONTOURS	---
EXISTING RUNWAY/TAXIWAY/APRON	[White Box]
FUTURE RUNWAY/TAXIWAY/APRON	[Grey Box]
EXISTING HANGARS	[Yellow Box]
EXISTING BUILDINGS OFF-AIRPORT	[Brown Box]
FUTURE HANGARS	[Green Box]
FUTURE T-HANGARS	[Cyan Box]
FUTURE TERMINAL EXTENSION	[Orange Box]
FUTURE MAINTENANCE SHED	[Light Orange Box]
FUTURE SHADE STRUCTURE	[Pink Box]
FUTURE FUEL FARM	[Magenta Box]
ACCESS ROAD/PARKING	[Dark Grey Box]
PAVEMENT REMOVAL	[Red Box]
DETENTION POND/POTENTIAL DRAINAGE	[Blue Box]
NON-AERONAUTICAL DEVELOPMENT	[Purple Box]



PROJECT	ESTIMATED TOTAL COST	DESCRIPTION
PHASE I (2024 – 2028)		
DRAINAGE IMPROVEMENTS	\$4,950,000	These projects are important first steps in ensuring that the airfield and support structures are protected from rain events that stress existing stormwater detention basins and waterways.
TERMINAL AREA DEVELOPMENT	\$10,273,000	Apron Expansion and Direct Access Removal: To accommodate a larger mix of aircraft types reconfiguration of the apron necessary. Adjustments in the taxiway geometry eliminate direct access from the terminal apron to the runway. Construct a New Terminal and Parking Lot: Enhanced terminal and vehicle parking to improve the customer experience. Fuel Farm Relocation: The fuel farm is to be relocated to the north side of the apron, in front of the existing terminal building to be more central to landside facilities and easier to access from the terminal. Maintenance Equipment Storage Building: Consolidating maintenance equipment into a standalone structure convenient to the airfield.
APRON AREA EXPANSION	\$2,586,000	Reconfigure Apron Layout: Additional development areas near the Brown Hangar will be expanded to construct more hangars and improve aircraft access. Construct Shade Structure: To improve accommodation for both based and transient aircraft and offer a broader range of storage options.
CENTRAL HANGAR AREA	\$7,200,000	Construct Box Hangars: Six, 50' x 50', condo box hangars are proposed along the new taxilane. Construct New Business Hangar: A 120' x 100' corporate-style hangar for aircraft maintenance or other business is proposed adjacent to the Brown Hangar.
PHASE II (2029 – 2033)		
NORTH HANGAR AREA	\$ 19,544,000	Northeast Hangar and Apron Development: Three nine-unit T-hangars with additional apron space and automobile parking. A taxiway connector and taxilane will provide access to hangar taxilanes. Condo Box Hangar Development: Condo-style box hangars are proposed along the northern and eastern boundary of the Airport.
PHASE III (2034 – 2043)		
SOUTH HANGAR AREA	\$ 7,991,100	Taxilane and connector improvements open area for the development of eleven individual box hangars

AIRPORT AMENITIES AND SERVICES

The Airport's amenities include a paved runway capable of accommodating jet aircraft, a non-precision approach, a terminal building, and on-site airport administration and operations staff. The Airport has exercised its proprietary exclusive right to provide certain aeronautical services, with airport staff providing fueling, aircraft marshaling, and related services as part of airport operations. Flight training activities are conducted at the airport by an independent flight school that meets students on-site and operates from the airport.

AIRCRAFT THAT USE ORG



KEY AIRPORT FACTS

PRIMARY RUNWAY 4/22 — 5,500' x 75', Asphalt

RUNWAY LIGHTING — Medium Intensity, Runway End Lights, Precision Approach Path Indicators

APPROACHES — Non-precision instrument to Runway 22

AIRCRAFT FUEL — Jet A, 100LL (truck and self-serve)

AMENITIES — Conference room, courtesy car, Wi-Fi access, pilot lounge area, restrooms, on-site airport administration offices

FOR MORE INFORMATION ABOUT ORG, CONTACT

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