

Costa Mesa City Staff continues to monitor planned facility upgrades to JWA

Costa Mesa staff continues to monitor all activities related to the airport. This included attending an April 12 meeting with the County of Orange to discuss the scope of an upcoming environmental study to evaluate the impacts of facility upgrades at the airport.

The proposed upgrades include:

- Designing aircraft T-hangars to accommodate the Cirrus SR22 and Cessna 172 series of
- aircraft, which have 38.33-foot and 36.08-foot wingspans, respectively. This is based on the fact that these two (2) aircraft account for nearly all new single engine aircraft sales
- Reconfiguring surface roads and aircraft taxiways within the airport
- Developing the Orange County Sheriff's Department ("OCSD") and flight schools as independent facilities
- Maintaining an on-site piston engine mechanic
- Providing for up to three (3) full service fixed based operators (FBOs) with adequate fueling facilities. This would increase the number of FBOs from 2 to 3. FBOs are the private businesses that provide aviation-related services such as fuel, maintenance, and flight instruction
- Providing for a general aviation terminal
- Providing for a self-service fuel facility
- Retaining the existing general aviation fuel farm

The County expects to provide additional information about this project in late 2017.

Staff has previously shared this information concerning the

Metroplex project and is including it again to ensure everyone remains in the loop. The NextGen Metroplex project was initiated by the Federal Aviation Administration (FAA).

The project involves modernizing air traffic control systems in the region and includes airports such as: Burbank, Hawthorne, Los Angeles International (LAX), Long Beach (LGB), Ontario International (ONT), Oxnard (OXR), Palm Springs International (PSP), San Diego International (SAN), Santa Monica Municipal (SMO), John Wayne-Orange County (SNA), and Van Nuys (VNY).

The Metroplex system is intended to allow for more direct and efficient routing of aircraft. The new system uses GPS (instead of radar) to guide departures and arrivals; minimizing the current deviations due to older radar technology, wind, air pressure, etc.

This allows for precise flight paths and monitoring; however, some deviations are expected due to sequencing arriving aircraft. Generally, these deviations do not affect Costa Mesa because the prevailing landing pattern is over Tustin and Irvine.

The departure routes, which are a bigger concern in Costa Mesa, are expected to remain the same. The benefit of the Metroplex project is that the actual track of aircraft can be flown and monitored more precisely.

There are no additional impacts expected in Costa Mesa as a result of the Metroplex project. In fact, the most recent noise study indicates a minor decrease in aircraft-related noise in Costa Mesa i.e., a 0.1 decibel reduction.

However, this small level of reduction should not be perceptible to the human ear.

The FAA emphasizes that the Metroplex system will result in flight paths that are more precise and predictable and will minimize deviations to the east and west of the current paths. The Google Earth information for checking individual addresses can be accessed at this link.