

NEWSLETTER

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Rehabilitation of North Airfield at Fort Lauderdale-Hollywood International Airport



The North Runway, (10L-28R), the oldest of FLL's two runways, is undergoing significant rehabilitation and was closed temporarily on June 3, 2019, for up to four months. The critical rehabilitation work will include replacing the runway's 75-foot center portion with concrete to extend its life from 15 to 30 years and repaving of its sides with asphalt.

Other improvements will include electrical, signage, and drainage system upgrades. Taxiway enhancements will feature more modern and efficient designs. The Federal Aviation Administration (FAA) will update Runway Status Lights and Approach Light System as part of the Rehabilitation.

Additionally, the two Engineered Material Arresting System (EMAS) beds are being replaced. During the runway closure, neighborhoods immediately east and west of the South Runway may experience increased noise. This condition will return to normal once the North Runway reopens.

HERE ARE THE RUNWAY CLOSURE FACTS

- ◆ During the first week of the 120 day runway closure, here's what we've accomplished:
 - Three milling machines ran continuously for 130 hours (24/7) stopping only for fuel and crew change
 - 30+ dump trucks were running continuously 24 hours a day
 - There were more than 12 separate construction activities taking place simultaneously
- ◆ The entire center section of the runway was removed in six calendar days working 24/7
- ◆ Asphalt paving started on June 10 and will run daily
- ◆ 300,000+ square yards of asphalt pavement will be removed
- ◆ 120,000+ square yards of concrete will be poured
- ◆ 75,000+ tons of asphalt will be placed
- ◆ 120+ new LED guidance signs will be placed
- ◆ 200+ new LED light fixtures will be installed



PHOTOS OF WEEK ONE'S PROGRESS



The key advantages of the Rehabilitation are:

- Structural enhancement of the most heavily used section of the pavement
- Removal of old deteriorating pavement
- Longer expected life with concrete (30+ years of useful life)
- Concrete maintenance is more cost efficient over time compared to asphalt

This Rehabilitation will enable the Aviation Department to enhance safety features on the airfield, making it more compliant with the latest FAA design standards. The new EMAS beds will improve the runway safety area and their installation can stop an aircraft that goes beyond the runway end. The EMAS beds can handle the current and projected future aircraft fleet mix.

The Broward County Aviation Department (BCAD) is mindful of the challenges associated with construction during the hurricane season and operating as a single-runway airport. Therefore, BCAD has contingencies in place to address incidents that may arise. For additional information, please see the contacts below.

CONTACT INFORMATION

Technical questions: BCAD Project Manager, 954-359-6973

Aircraft noise comments: Noise Hotline, 866-822-7910

Media inquiries: Public Information Officer, 954-359-6116

General comments: RunwayUpdates@broward.org