

# Flight Deck Smoke Penetration Testing



Federal Aviation  
Administration



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- CO<sub>2</sub> decay ventilation tests will be conducted in the next few weeks in the flight deck, lower cargo compartments and main cabin under various airflow conditions.
- Smoke penetration tests will commence following the ventilation measurement tests. Smoke source will initially be Rosco mixed with helium and Corona theatrical smoke generators.
- Airflow conditions will include operating just pack1, pack2 and pack 3. Testing will continue under the above airflow conditions with some cargo compartment liners removed.





## 747SP Flight Deck