

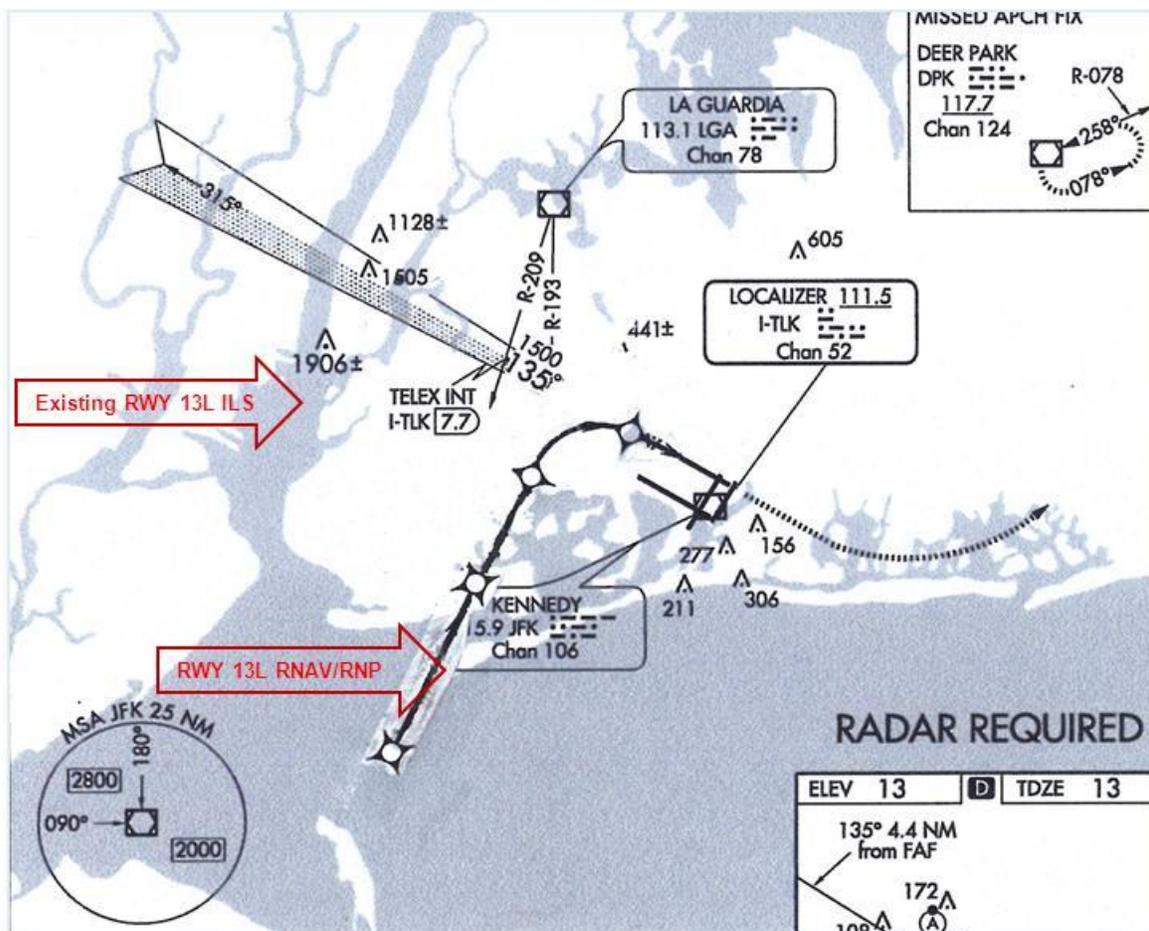
BEBS 1A JFK PBN Approaches to JFK RWY 13L

Candidate Scenario Description: Incorporate RNAV/ RNP w/ RF legs into Charted Visual Flight Procedure (CVFP) to JFK RWY 13L.

Theme: Keeps airport visual arrival rates for extended period using PBN capabilities and de-conflicts operations between JFK and LGA.

Operational Description	Concise description of Operational Scenario	<p>Tracking existing Charted Visual Flight Procedure (CVFP) to incorporate RNAV/RNP 0.3 w/ RF legs for JFK RWY 13L. Procedures are under development for Minimums as low as 600' X 1 ¼.</p> <p>This operation allows JFK to remain in a more optimal configuration with increased landing opportunity during lower weather and/or specific wind conditions.</p> <p>Landing on RWY 13L is a frequent and favored operation at JFK using the Parkway Visual. This procedure substantially lessens the requirements for ILS RWY 13L, which conflicts with LGA operations to RWY 31 and RWY 4.</p> <p>Provide PBN equipped a/c priority during lower than visual approach vectoring minimums.</p>
Target Operational Time Frame		2012 to 2014
Technology (equipage) Targeted		<p>PBN -RNAV RNP 0.3 w/RF leg is enabled by:</p> <ol style="list-style-type: none"> 1. GPS with Approach Capability, or 2. RNP capable FMC with multi-scan DME/DME and GPS sensors, and 3. Advanced NAV Display capable of RF legs
Impact on equipped and capable a/c		<ul style="list-style-type: none"> • Provides IAP with vertical guidance and lower minimums.
Impact to non-equipped or not capable a/c		<ul style="list-style-type: none"> • Non-equipped must use higher approach minimums with no vertical guidance

		<ul style="list-style-type: none"> • May be minimal or excessive based on the scenario and Rwy configuration at JFK • May experience greater delays
<p>Impact on NAS efficiency or capacity</p>		<ul style="list-style-type: none"> • This would reduce dependent operations between the airports leading to simultaneous independent operations resulting in increased capacity. • Increases efficiency and capacity by enabling JFK to stay in a most efficient configuration for a longer period of time.



Example Only: Procedures-Not published