

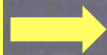
American Airlines Flight 587



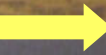
Basic Information

- **Belle Harbor, New York**
- **November 12, 2001, 0916 EST**
- **American Airlines Airbus A300-600R**
- **260 Passenger Casualties**
- **5 Ground Casualties**
- **JFK to Santo Domingo, Dominican Rep.**

Vert Stab



JFK



Engine



Engine



Main Wreckage



Investigators

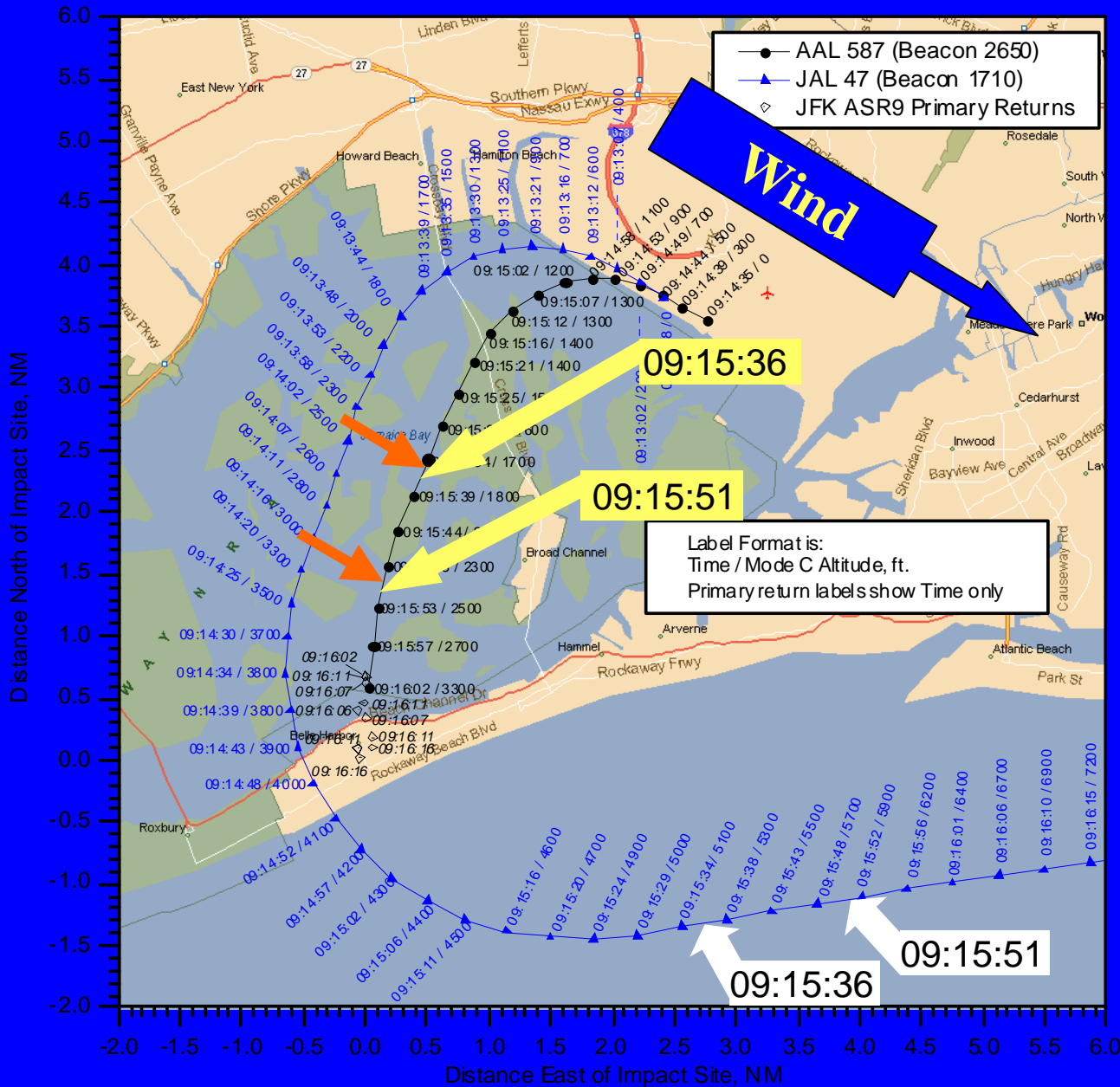
- **Site Stakedown** **Paul Cox**
- **Site Stakedown** **David Musio**
- **Witnesses** **Luke Schiada**
- **Operations** **David Ivey**
- **Human Perf.** **Bart Elias**
- **Human Perf.** **Malcolm Brenner**
- **Aircraft Perf.** **John O'Callaghan**

- **Structures** **Brian Murphy**
- **Structures** **Matt Fox**
- **Systems** **Steve Magladry**
- **Systems** **Scott Warren**
- **Air Traf Cont.** **Scott Dunham**
- **Powerplants** **James Hookey**
- **FDR** **Cassandra Johnson**
- **CVR** **Al Reitan**
- **Acc Rep** **Pierre Jouniaux**

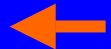
- **Acc Rep** **Bernard Bourdon**
- **Maint. Records** **Frank McGill**
- **Weather** **Greg Salotatolo**
- **FDR** **Dennis Grossi**
- **Sound Spectrum** **James Cash**
- **Fault Tree** **Dana Schulze**
- **Animation/Video** **Doug Brazy**
Dan Venne
Kevin Renze



AAJ587 and JAL47 JFK ASR9 Radar Tracks: Plan View



Wake Travel Direction



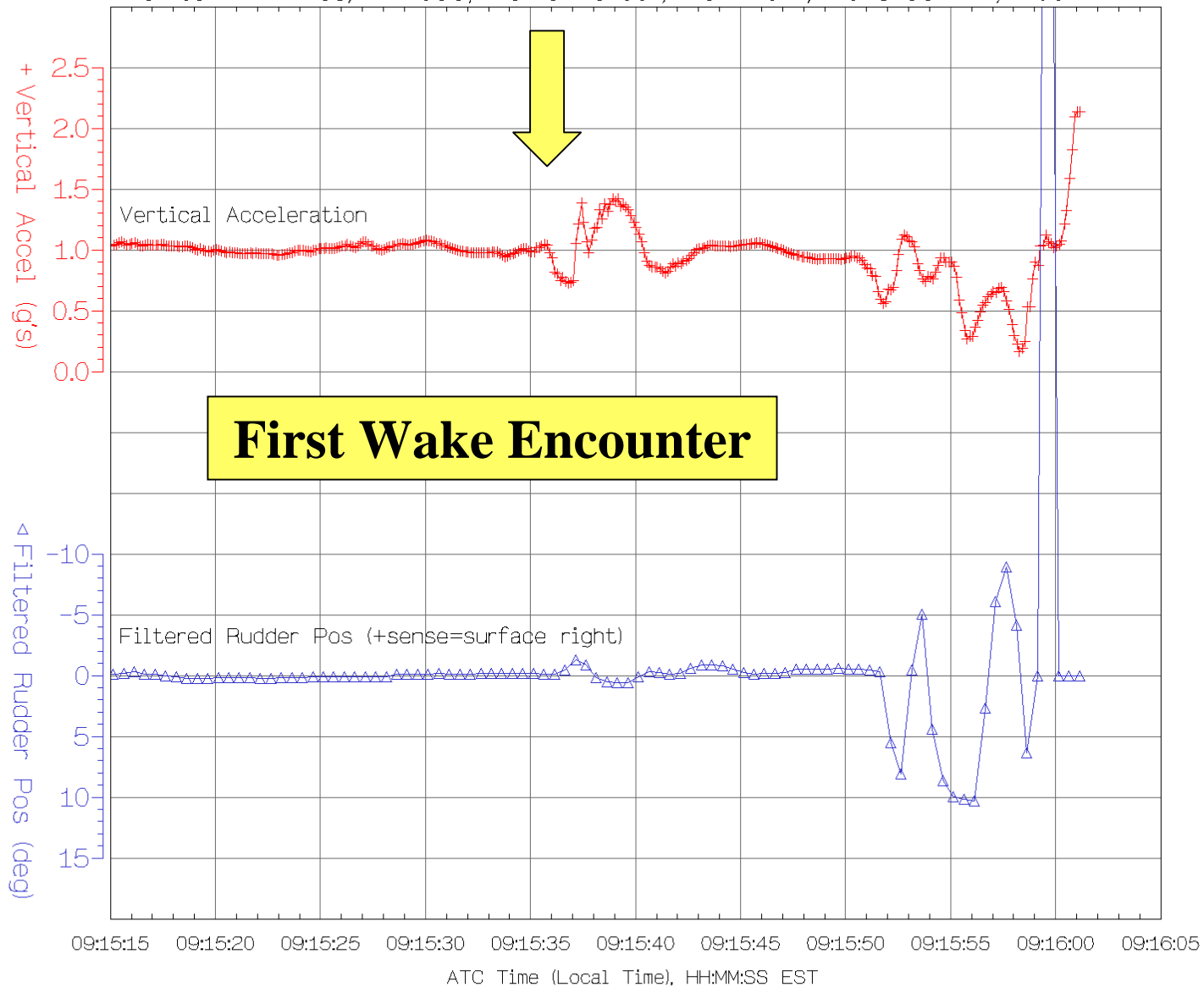
Wake Encounters



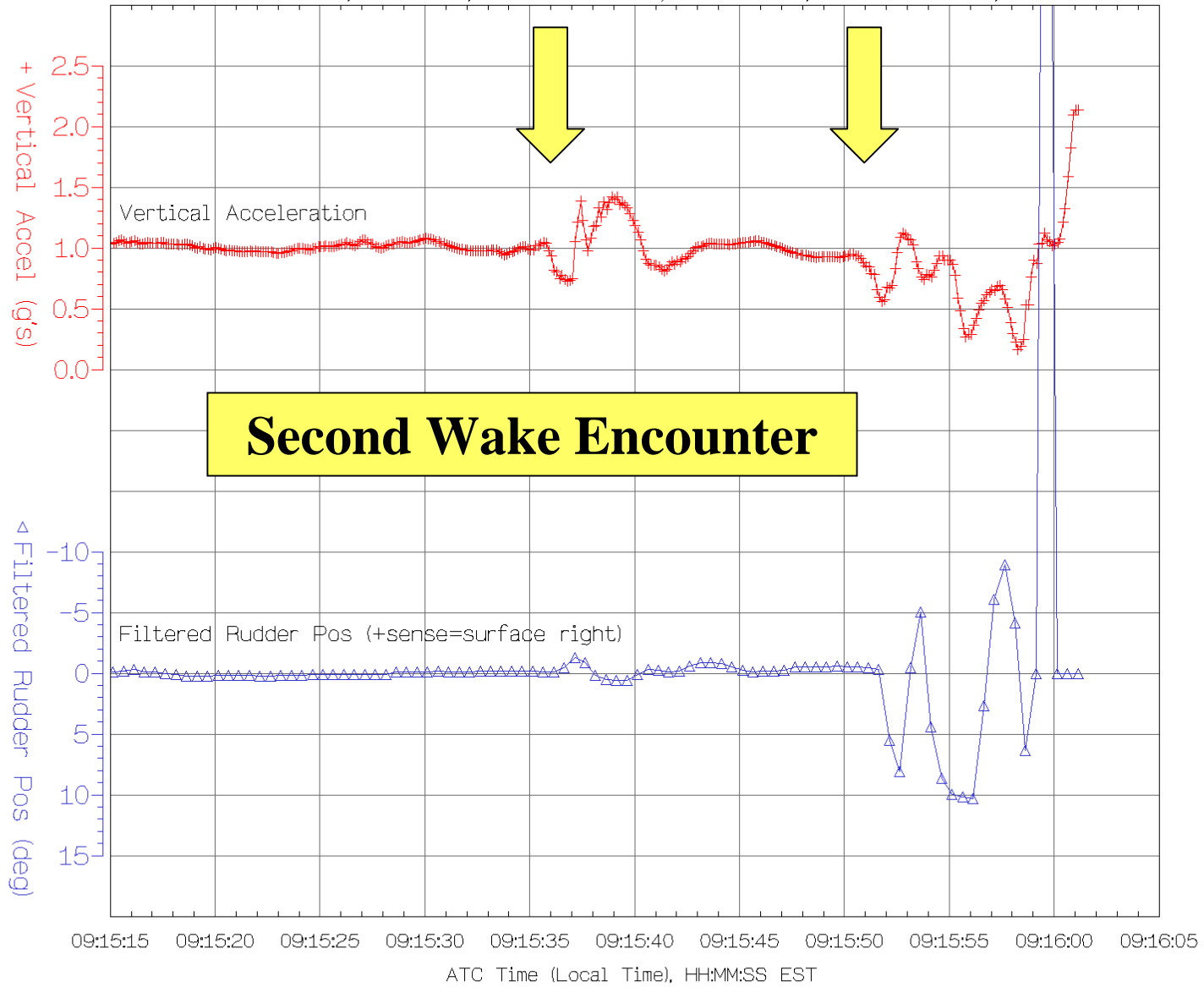
JAL Position at Time of Encounters



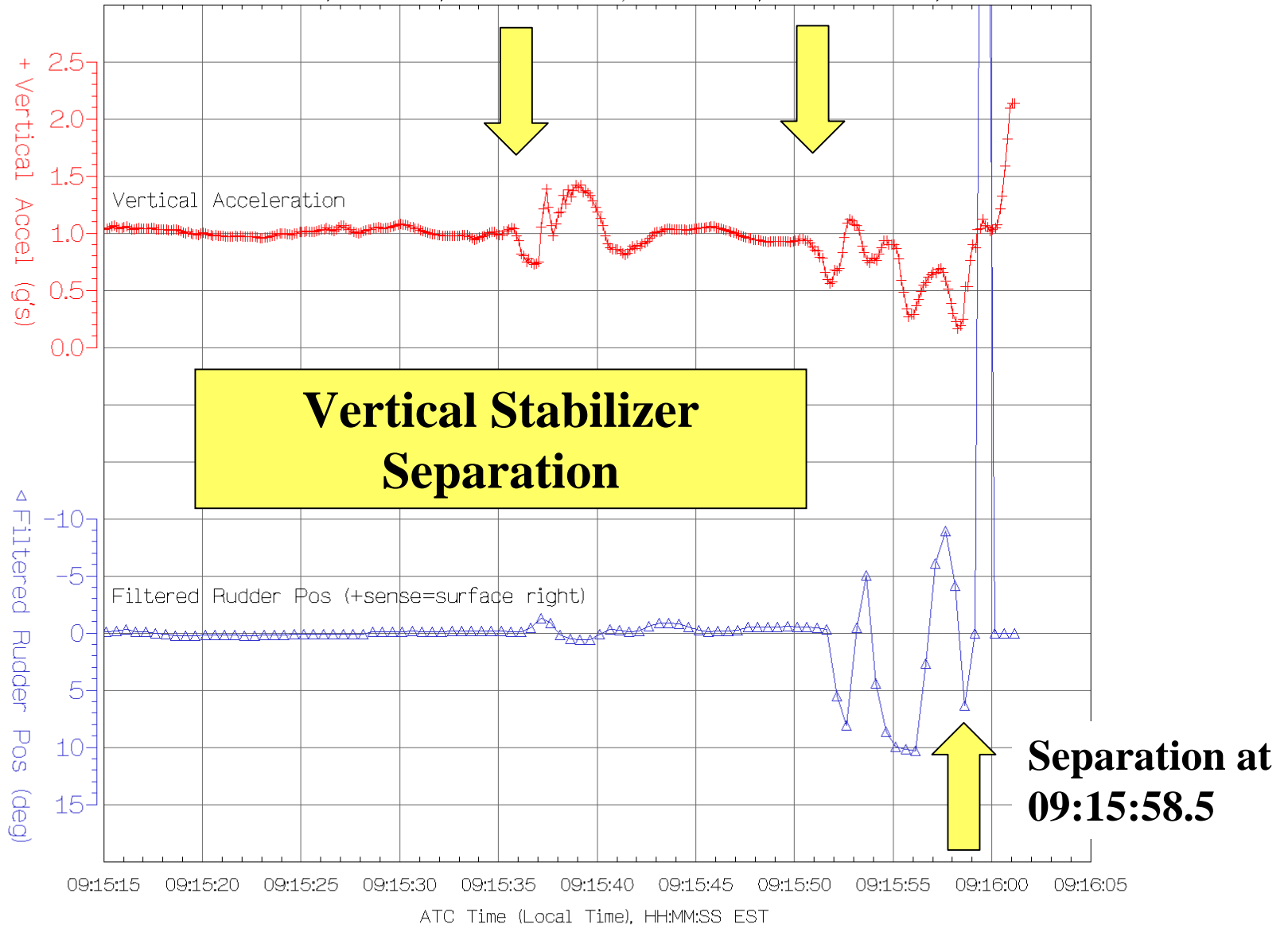
American Airlines, N14053, Belle Harbor, New York, November 12, 2001



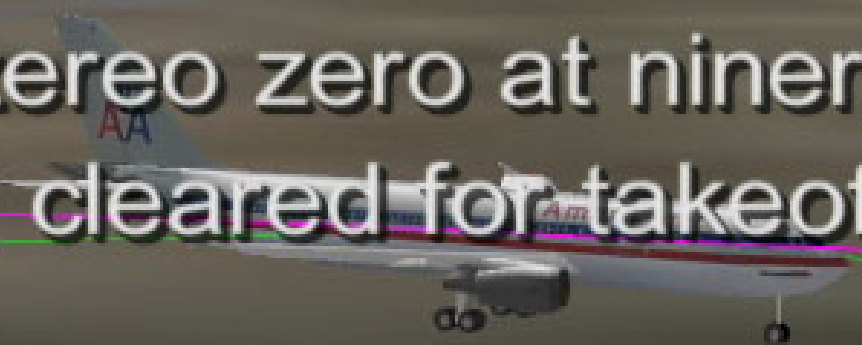
American Airlines, N14053, Belle Harbor, New York, November 12, 2001



American Airlines, N14053, Belle Harbor, New York, November 12, 2001

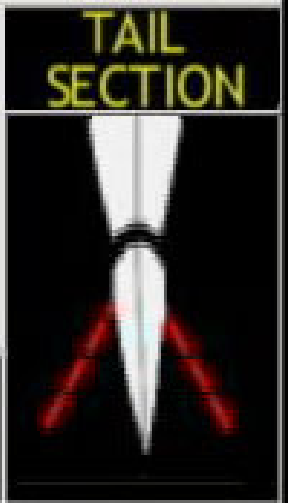
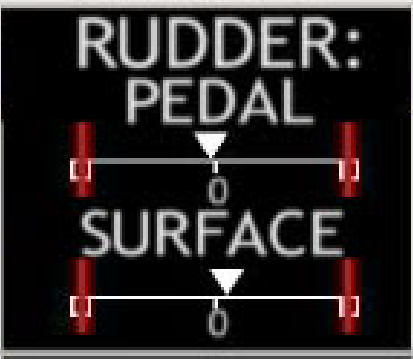
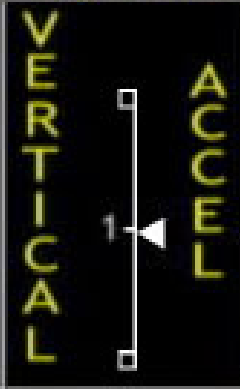
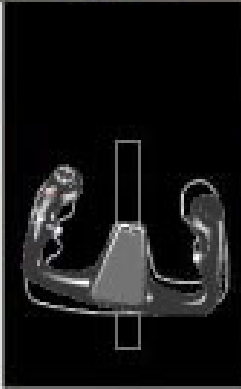
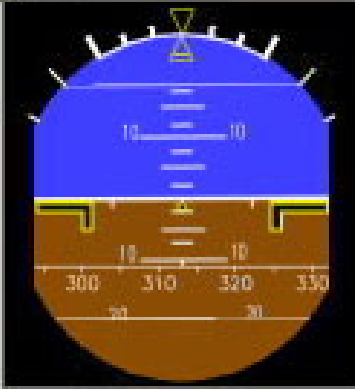


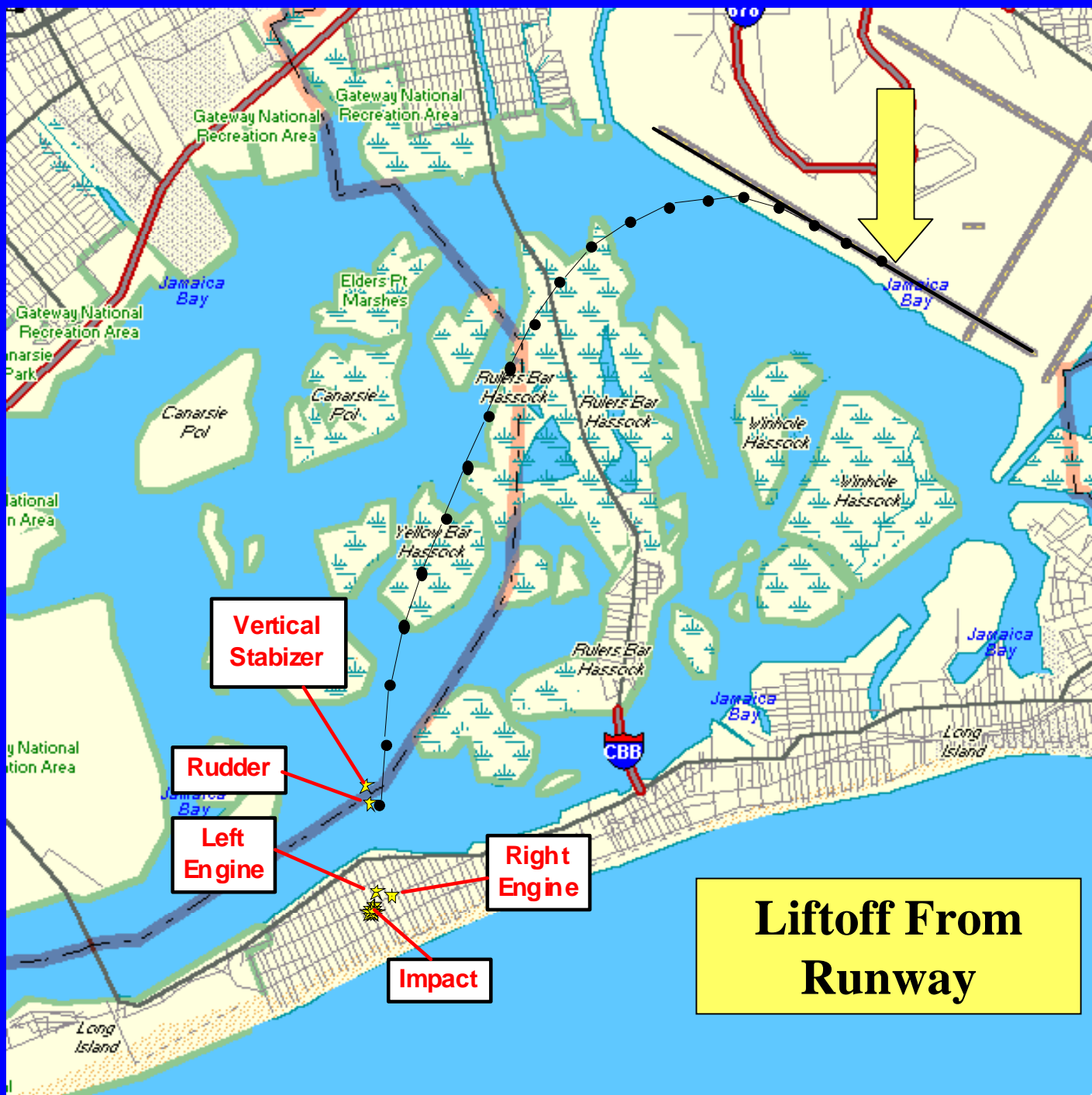
TWR: American 587 heavy, wind three zero zero at niner, runway 31 left, cleared for takeoff.



09:13:30

0 FT 30 KTS





**Vertical
Stabilizer**

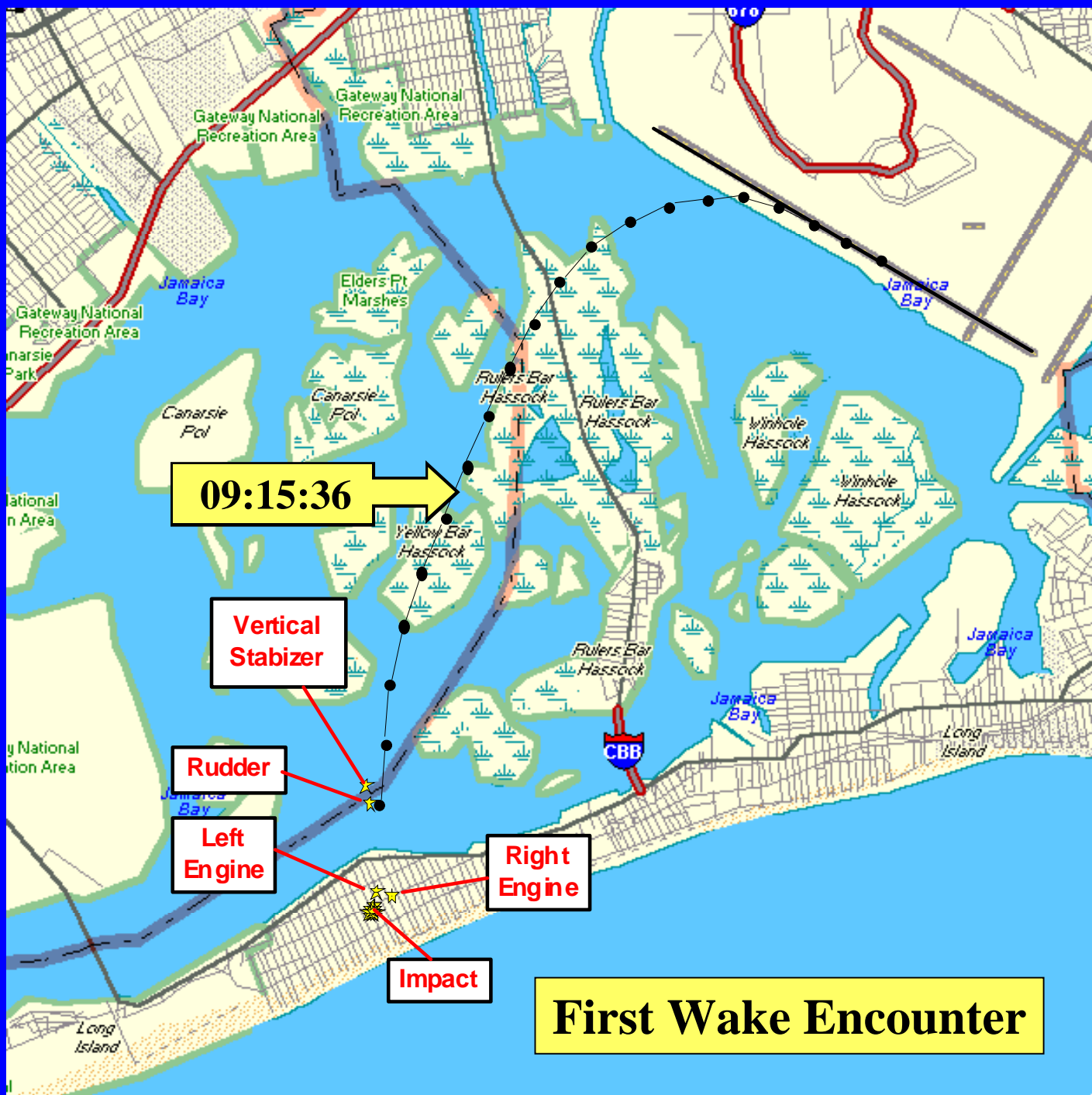
Rudder

**Left
Engine**

**Right
Engine**

Impact

**Liftoff From
Runway**



09:15:36

Vertical Stabizer

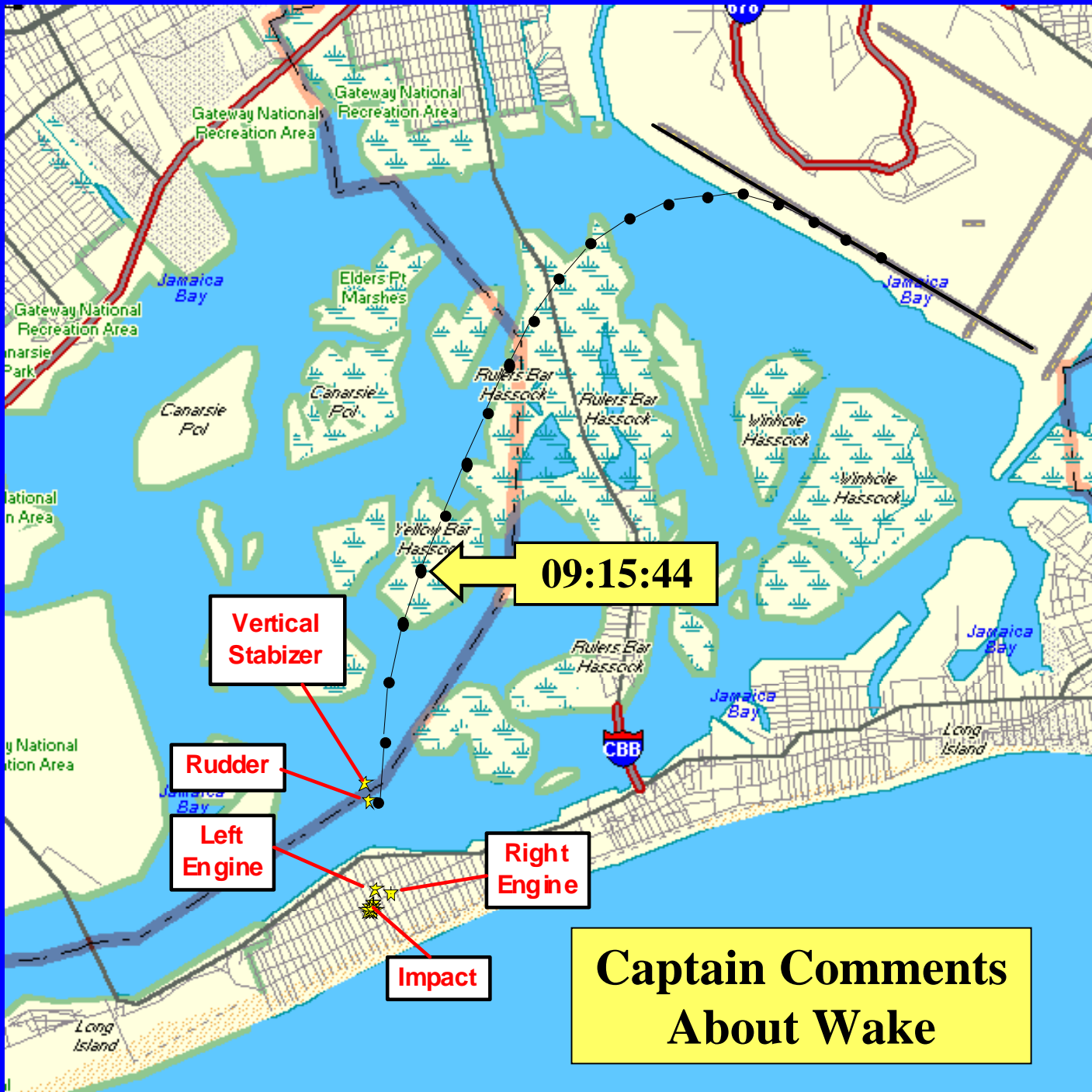
Rudder

Left Engine

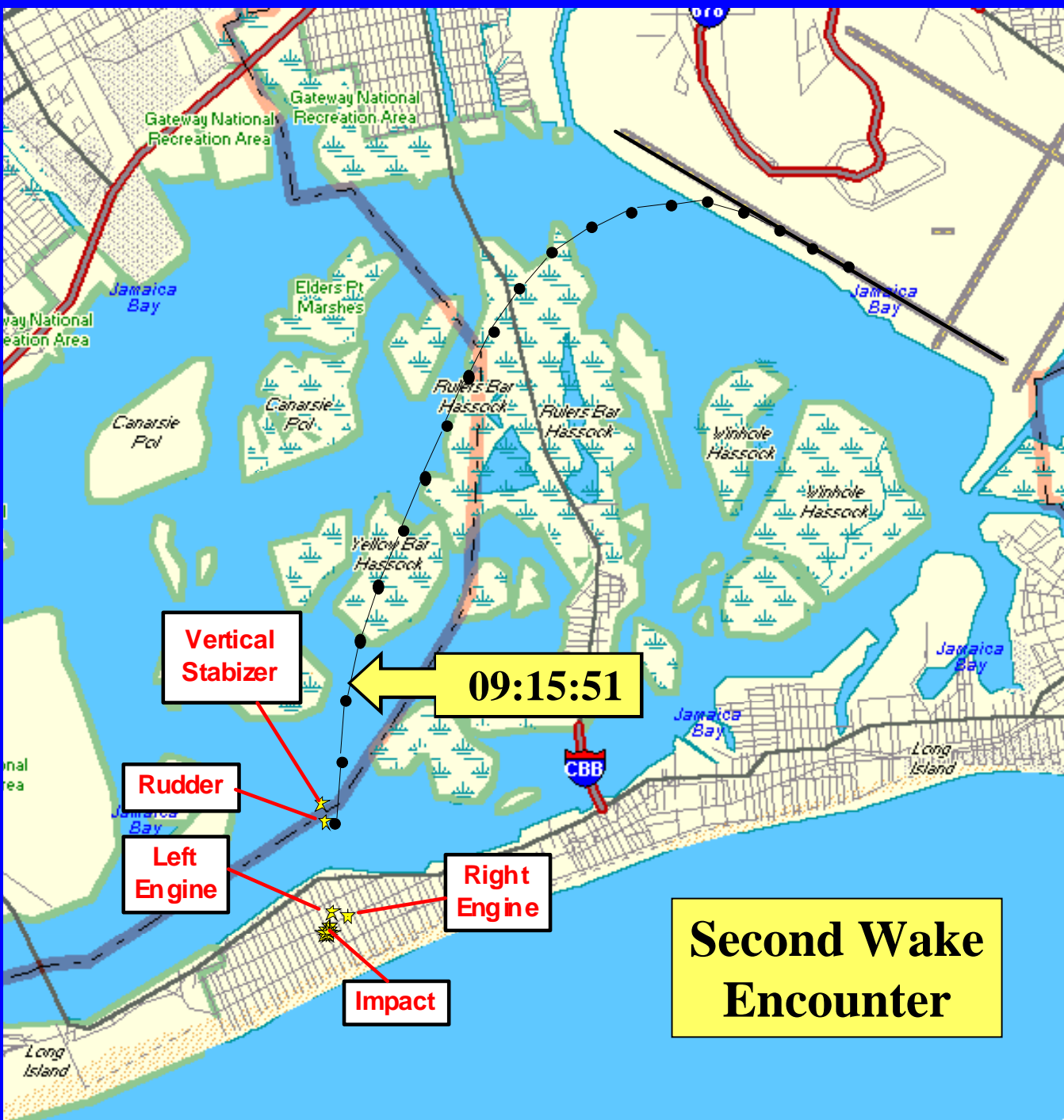
Right Engine

Impact

First Wake Encounter



**Captain Comments
About Wake**



Vertical Stabizer

09:15:51

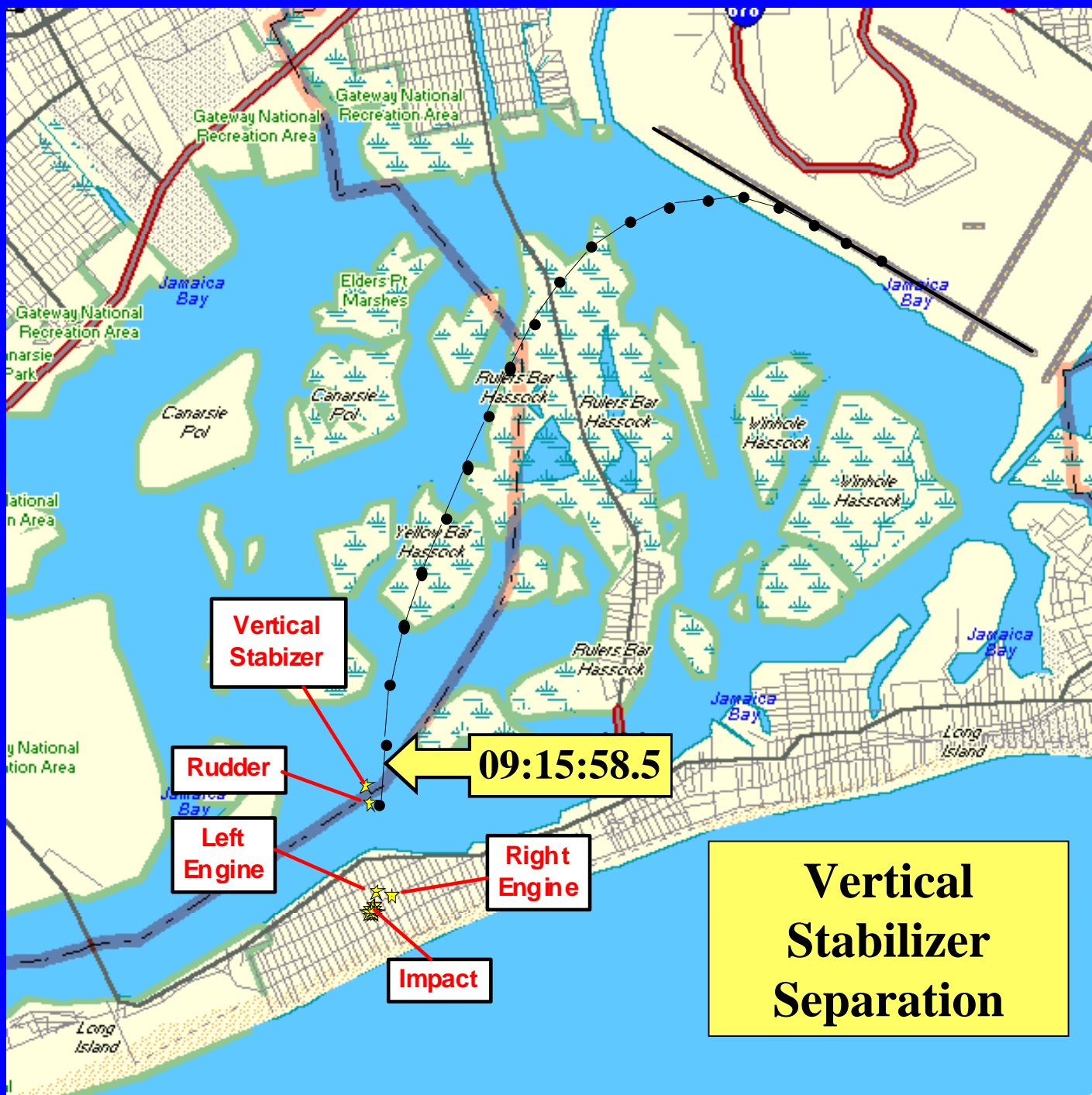
Rudder

Left Engine

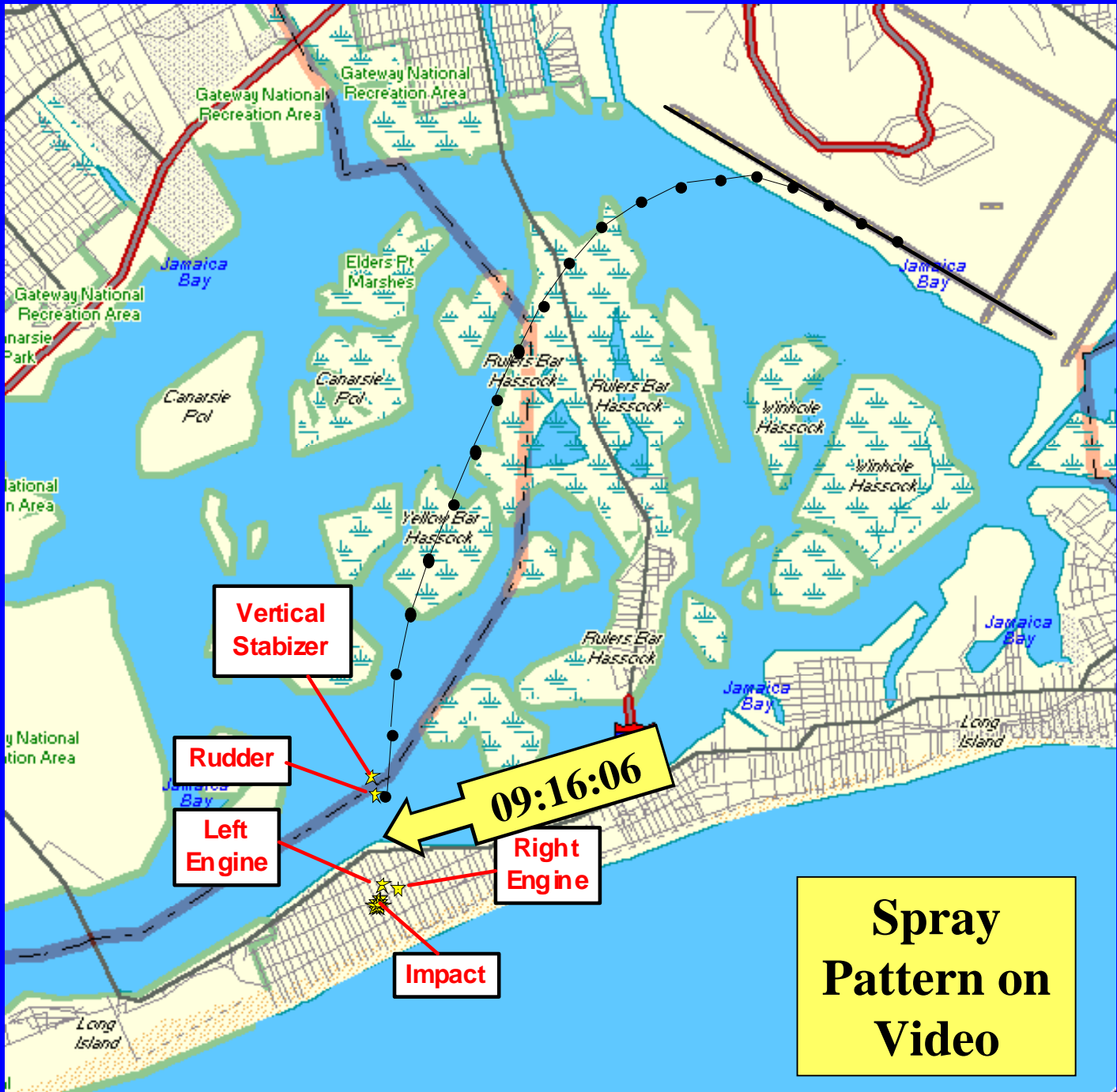
Right Engine

Impact

Second Wake Encounter



Vertical Stabilizer Separation



Vertical Stabizer

Rudder

Left Engine

Right Engine

Impact

09:16:06

Spray Pattern on Video

