



MEMORANDUM FOR RECORD

Allison Diaz
Air Safety Investigator
Eastern Region

Weather Data – ERA14FA292
Accident Time 06/17/2014 – 0903 EDT

Data from Mike Richards, NTSB Meteorologist:

- The weather radar was clear for the accident area
- High cloud obscured seeing from satellite what any tops were for the lowest clouds.
- Local ceilometers (with human augmentation as needed) put local airports under IFR (i.e. 700 and 500 ft.). Note elevations of ISLIP and Brookhaven are ~100 ft and ~80 ft, respectively.
- No applicable, publically disseminated PIREPs in the two hours prior to the accident.
- No AIRMETs or CWAs for IFR conditions.

Terminal Aerodrome Forecasts for destination airport:

TAF KISP 171141Z 1712/1812 20007KT P6SM SCT007 SCT130 BKN250
FM171800 21010KT P6SM SCT050 SCT250
FM180000 21007KT P6SM SCT050 BKN200
FM180800 24008KT 5SM BR SCT050 SCT090 BKN150
PROB30 1808/1811 -TSRA BKN060CB=

TAF AMD KISP 171254Z 1713/1812 20007KT P6SM BKN007 BKN130 BKN250
FM171400 20008KT P6SM SCT007 BKN130 BKN250
TEMPO 1714/1715 BKN007
FM171800 21010KT P6SM SCT050 SCT250
FM180000 21007KT P6SM SCT050 BKN200
FM180800 24008KT 5SM BR SCT050 SCT090 BKN150
PROB30 1808/1811 -TSRA BKN060CB=

Automated Observations:

METAR / SPECI from KFRG, Farmingdale, Republic Airport (United States) .		
SA	17/06/2014 15:53->	METAR KFRG 171553Z 17004KT 10SM SCT070 25/21 A3006 RMK A02 SLP178 T02500206=
SA	17/06/2014 14:53->	METAR KFRG 171453Z 18005KT 10SM SCT070 24/20 A3006 RMK A02 SLP180 T02390200 50001=
SA	17/06/2014 13:53->	METAR KFRG 171353Z 16006KT 10SM SCT065 SCT080 23/19 A3007 RMK A02 SLP181 T02280194=
SA	17/06/2014 12:53->	METAR KFRG 171253Z 21003KT 10SM BKN100 22/19 A3007 RMK A02 SLP181 T02170189=
SA	17/06/2014 11:53->	METAR KFRG 171153Z 20004KT 10SM CLR 21/19 A3006 RMK A02 SLP179 T02110189 10211 20189 53004=
SA	17/06/2014 10:53->	METAR KFRG 171053Z AUTO 22004KT 8SM CLR 19/18 A3005 RMK A02 SLP176 T01940178=
SA	17/06/2014 09:53->	METAR KFRG 170953Z AUTO 18006KT 9SM FEW070 19/18 A3004 RMK A02 SLP170 T01890178=
SA	17/06/2014 08:53->	METAR KFRG 170853Z AUTO 21003KT 10SM SCT065 BKN080 BKN120 19/18 A3005 RMK A02 SLP175 T01890178 55004=

KISP, Islip, Long Island Mac Arthur Airport (United States).
WMO index: -----, Latitude 40-47-38N. Longitude 073-06-06W. Altitude 30 m.

METAR/SPECI from KISP, Islip, Long Island Mac Arthur Airport (United States).		
SA	17/06/2014 15:56->	METAR KISP 171556Z 19005KT 8SM BKN007 BKN050 BKN085 OVC250 23/19 A3005 RMK A02 SLP175 T02330194=
SA	17/06/2014 14:56->	METAR KISP 171456Z 18005KT 7SM BKN007 OVC075 22/19 A3006 RMK A02 SLP178 T02220194 51003=
SA	17/06/2014 13:56->	METAR KISP 171356Z 22008KT 6SM HZ BKN007 OVC075 22/19 A3006 RMK A02 SLP178 T02170189=
SA	17/06/2014 12:56->	METAR KISP 171256Z 22008KT 7SM OVC007 22/19 A3006 RMK A02 SLP178 T02170189 \$=
SP	17/06/2014 12:07->	SPECI KISP 171207Z 19008KT 7SM BKN007 BKN110 OVC130 21/18 A3006 RMK A02 \$=
SA	17/06/2014 11:56->	METAR KISP 171156Z 20004KT 8SM SCT007 BKN110 OVC130 21/19 A3005 RMK A02 SLP175 60005 70005 T02110189 10211 20200 53002 \$=
SA	17/06/2014 10:56->	METAR KISP 171056Z 19005KT 9SM BKN007 OVC130 20/18 A3005 RMK A02 SLP174 T02000178 \$=
SP	17/06/2014 10:51->	SPECI KISP 171051Z 19004KT 9SM SCT007 BKN110 BKN150 OVC250 20/18 A3005 RMK A02 \$=
SA	17/06/2014 09:56->	METAR KISP 170956Z 17007KT 10SM FEW065 SCT095 BKN150 OVC260 20/17 A3003 RMK A02 RAE15 SLP168 FIRST AUGMENTED OBSERVATION P0001 T02000172 \$=
SA	17/06/2014 08:56->	METAR KISP 170856Z AUTO 21007KT 9SM - RA BKN060 OVC095 21/17 A3004 RMK A02 RAB42 SLP173 P0004 60004 T02060167 55001 \$=

KHWV, Shirley, Brookhaven Airport (United States).
WMO index: -----. Latitude 40-49-18N. Longitude 072-52-08W. Altitude
25 m.

METAR/SPECI from KHWV, Shirley, Brookhaven Airport (United States).		
SA	17/06/2014 15:56->	METAR KHWV 171556Z AUTO 20007KT 4SM BR OVC003 21/19 A3008 RMK A02 SLP183 T02110194 TSNO=
SP	17/06/2014 15:08->	SPECI KHWV 171508Z AUTO 20007KT 3SM BR OVC003 21/19 A3009 RMK A02 T02060189 TSNO=
SA	17/06/2014 14:56->	METAR KHWV 171456Z AUTO 20006KT 2 1/2SM BR OVC003 21/19 A3009 RMK A02 SLP188 T02060189 51006 TSNO=
SP	17/06/2014 14:43->	SPECI KHWV 171443Z AUTO 19008KT 2SM BR OVC003 21/19 A3008 RMK A02 T02060189 TSNO=
SA	17/06/2014 13:56->	METAR KHWV 171356Z AUTO 20006KT 4SM BR OVC004 21/19 A3009 RMK A02 SLP188 T02060189 TSNO=
SP	17/06/2014 13:36->	SPECI KHWV 171336Z AUTO 21006KT 5SM BR OVC004 20/19 A3009 RMK A02 T02000189 TSNO=
SA	17/06/2014 12:56->	METAR KHWV 171256Z AUTO 21009KT 6SM BR OVC005 20/18 A3008 RMK A02 SLP185 T02000183 TSNO=
SA	17/06/2014 11:56->	METAR KHWV 171156Z AUTO 19008KT 6SM BR OVC007 19/18 A3007 RMK A02 SLP183 60023 70023 T01940183 10194 20189 53004 TSNO=
SP	17/06/2014 11:18->	SPECI KHWV 171118Z AUTO 19007KT 6SM BR BKN008 19/18 A3007 RMK A02 T01940178 TSNO=
SP	17/06/2014 11:10->	SPECI KHWV 171110Z AUTO 20007KT 7SM SCT008 19/18 A3007 RMK A02 T01940178 TSNO=
SA	17/06/2014 10:56->	METAR KHWV 171056Z AUTO 19006KT 6SM BR FEW060 19/18 A3007 RMK A02 RAB06E11 SLP180 P0000 T01940178 TSNO=
SA	17/06/2014 09:56->	METAR KHWV 170956Z AUTO 17008KT 7SM BKN060 BKN075 19/18 A3006 RMK A02 RAB11E45 SLP177 P0023 T01890178 TSNO=
SP	17/06/2014 09:31->	SPECI KHWV 170931Z AUTO 18009KT 3SM -RA BR SCT032 BKN050 OVC075 19/17 A3006 RMK A02 RAB11 P0022 T01890172 TSNO=
SP	17/06/2014 09:21->	SPECI KHWV 170921Z AUTO 19010KT 1 3/4SM +RA BR SCT028 SCT050 OVC060 19/17 A3007 RMK A02 RAB11 P0017 T01890172 TSNO=
SA	17/06/2014 08:56->	METAR KHWV 170856Z AUTO 10SM BKN055 BKN110 19/17 A3006 RMK A02 SLP179 T01890167 58002 TSNO=