

Attachment 4 for CEN17FA072 Weather Study Report

The accident pilot received a briefing package from Foreflight at 0947 EST and 1449 EST, prior to the flight from KOSU to KBKL. The following images are the exact images and text that would have shown up for viewing on the accident pilot's mobile application for the 1449 EST weather briefing package. The accident pilot reviewed the official weather forecast via this mobile application.

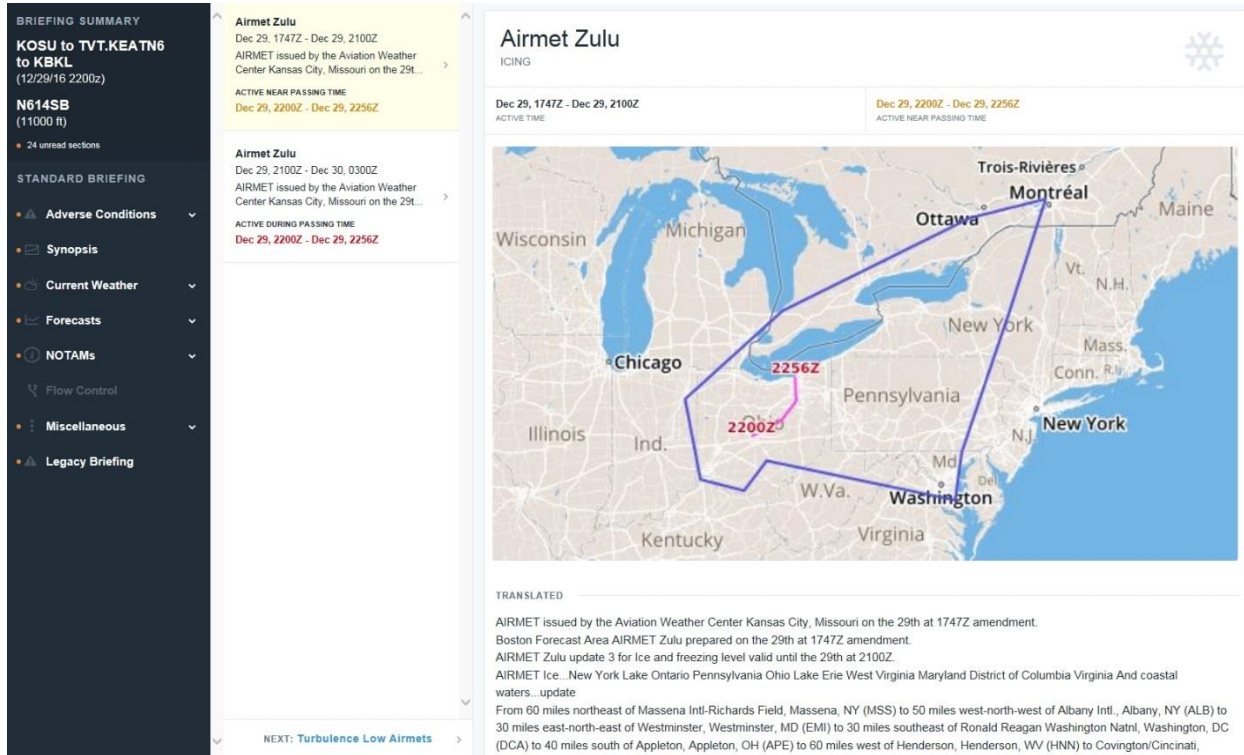


Figure 1 – Weather Briefing Summary Image 1 via Foreflight Mobile App

BRIEFING SUMMARY

KOSU to TVT.KEATN6 to KBKL
(12/29/16 2200z)

N614SB
(11000 ft)

• 24 unread sections

STANDARD BRIEFING

- Adverse Conditions
- Synopsis
- Current Weather
- Forecasts
- NOTAMs
- Flow Control
- Miscellaneous
- Legacy Briefing

Airmet Zulu
Dec 29, 1747Z - Dec 29, 2100Z
AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 29th...

ACTIVE NEAR PASSING TIME
Dec 29, 2200Z - Dec 29, 2256Z

Airmet Zulu
Dec 29, 2100Z - Dec 30, 0300Z
AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 29th...

ACTIVE DURING PASSING TIME
Dec 29, 2200Z - Dec 29, 2256Z

NEXT: Turbulence Low Airmets

Airmet Zulu
ICING

Dec 29, 2100Z - Dec 30, 0300Z
ACTIVE TIME

Dec 29, 2200Z - Dec 29, 2256Z
ACTIVE DURING PASSING TIME

TRANSLATED

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 29th at 1747Z amendment.
Boston Forecast Area AIRMET Zulu prepared on the 29th at 1747Z amendment.
AIRMET Zulu update 3 for Ice and freezing level valid until the 29th at 2100Z.
Outlook valid 2100Z to 0300Z
AREA 2... Ice Maine New Hampshire Vermont Massachusetts Rhode Island Connecticut New York Lake Ontario New Jersey Pennsylvania Ohio Lake Erie West Virginia Maryland Virginia
Bounded by 70 miles northwest of Presque Isle, Presque Isle, ME (PQI) to 30 miles south of Kennebec, Kennebec, ME (ENE) to 20 miles north-north-east of John F Kennedy International, New York, NY (JFK) to 20 miles west of Conson (CSN) to 40 miles south-south-east of New

Figure 2 – Weather Briefing Summary Image 2 via Foreflight Mobile App

BRIEFING SUMMARY

KOSU to TVT.KEATN6 to KBKL
(12/29/16 2200z)

N614SB
(11000 ft)

• 23 unread sections

STANDARD BRIEFING

- Adverse Conditions
- Synopsis
- Current Weather
- Forecasts
- NOTAMs
- Flow Control
- Miscellaneous
- Legacy Briefing

Airmet Tango
Dec 29, 1804Z - Dec 29, 2100Z
AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 29th...

ACTIVE NEAR PASSING TIME
Dec 29, 2200Z - Dec 29, 2256Z

Airmet Tango
Dec 29, 1804Z - Dec 29, 2100Z
AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 29th...

ACTIVE NEAR PASSING TIME
Dec 29, 2200Z - Dec 29, 2238Z

Airmet Tango
Dec 29, 2100Z - Dec 30, 0300Z
AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 29th...

ACTIVE DURING PASSING TIME
Dec 29, 2200Z - Dec 29, 2256Z

NEXT: Turbulence High Airmets

Airmet Tango
TURBULENCE LOW

Dec 29, 2100Z - Dec 30, 0300Z
ACTIVE TIME

Dec 29, 2200Z - Dec 29, 2256Z
ACTIVE DURING PASSING TIME

TRANSLATED

AIRMET issued by the Aviation Weather Center Kansas City, Missouri on the 29th at 1804Z amendment.
Boston Forecast Area AIRMET Tango prepared on the 29th at 1804Z amendment.
AIRMET Tango update 4 for Turbulence strong winds and low level wind shear valid until the 29th at 2100Z.
Outlook valid 2100Z to 0300Z
AREA 2... Turbulence Vermont Massachusetts Connecticut New York Lake Ontario New Jersey Pennsylvania Ohio Lake Erie West Virginia Maryland District of Columbia Delaware Virginia And coastal waters
Bounded by 20 miles northeast of Massena Intl-Richards Field, Massena, NY (MSS) to 40 miles east of Albany Intl., Albany, NY (ALB) to 40 miles south-south-west of East Hampton, East Hampton, NY (HTO) to 30 miles north-north-east of Richmond International, Richmond, VA

Figure 3 – Weather Briefing Summary Image 3 via Foreflight Mobile App

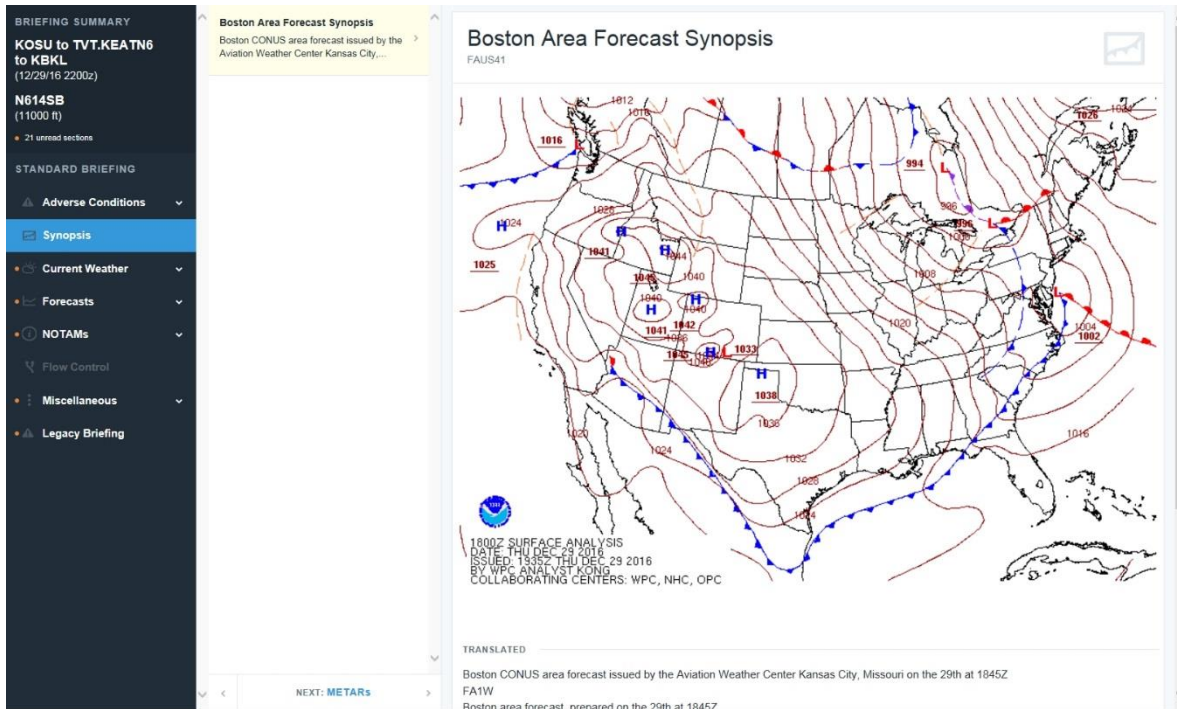


Figure 4 – Weather Briefing Summary Image 4 via Foreflight Mobile App

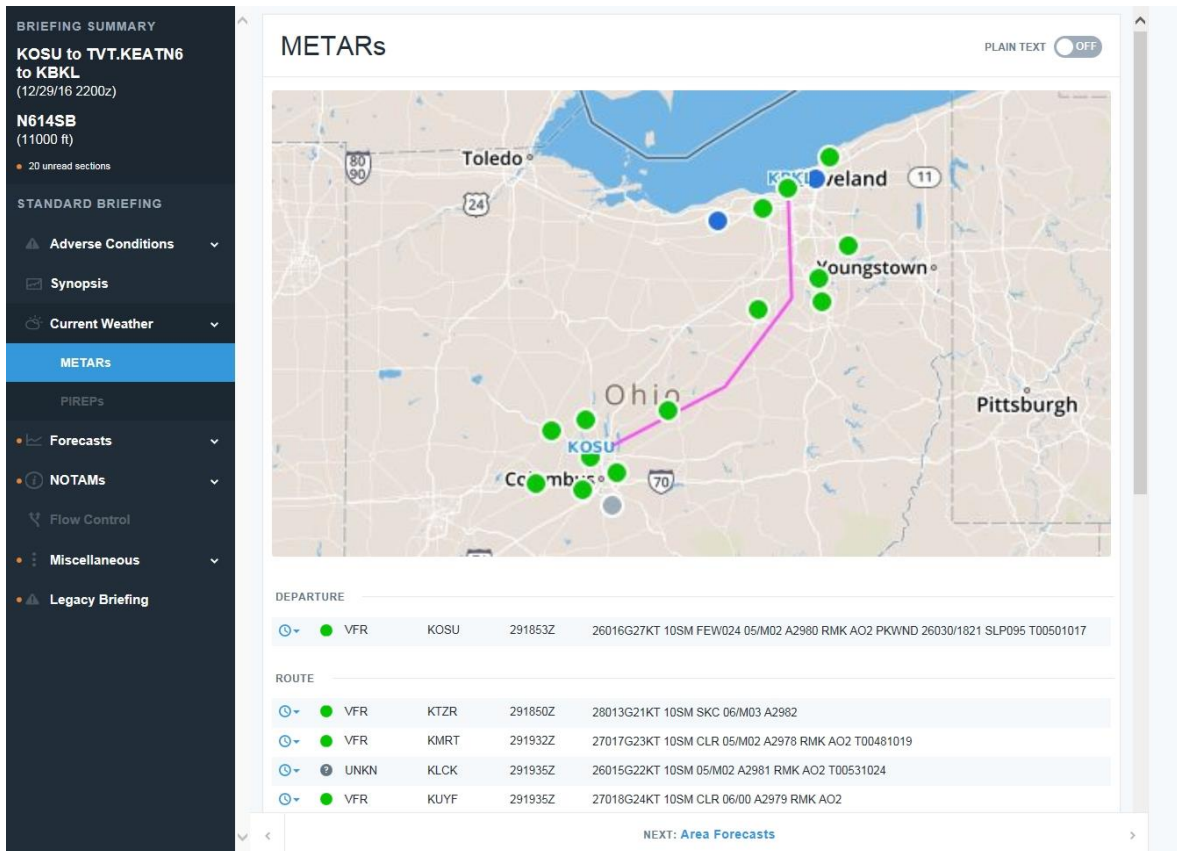


Figure 5 – Weather Briefing Summary Image 5 via Foreflight Mobile App

BRIEFING SUMMARY

KOSU to TVT.KEATN6 to KBKL
(12/29/16 2200z)

N614SB
(11000 ft)

• 20 unread sections

STANDARD BRIEFING

- ⚠ Adverse Conditions
- 📄 Synopsis
- 🌤 Current Weather
- METARs
- PIREP's
- 📅 Forecasts
- 📌 NOTAMs
- 🔄 Flow Control
- ⋮ Miscellaneous
- 📌 Legacy Briefing

🔄	● VFR	KOSU	291853Z	26016G27KT 10SM FEW024 05/M02 A2980 RMK AO2 PKWIND 26030/1821 SLP095 T00501017
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ROUTE

🔄	● VFR	KTZR	291850Z	28013G21KT 10SM SKC 06/M03 A2982
🔄	● VFR	KMRT	291932Z	27017G23KT 10SM CLR 05/M02 A2978 RMK AO2 T00481019
🔄	⊙ UNKN	KLCK	291935Z	26015G22KT 10SM 05/M02 A2981 RMK AO2 T00531024
🔄	● VFR	KUYF	291935Z	27018G24KT 10SM CLR 06/00 A2979 RMK AO2
🔄	● VFR	KDLZ	291939Z	24013G18KT 10SM CLR 05/M02 A2978 RMK AO2
🔄	● VFR	KCMH	291851Z	27017G21KT 10SM SCT030 BKN200 06/M03 A2980
🔄	● VFR	K4I3	291927Z	26014G25KT 10SM CLR 04/M02 A2976 RMK AO2
🔄	● VFR	KBJJ	291856Z	28016G24KT 10SM SCT030 03/M03 A2972 RMK AO2 PKWIND 26028/1810 SLP073 T00281033
🔄	● VFR	KCAK	291851Z	26017G25KT 10SM SCT029 BKN038 03/M04 A2970 RMK AO2 SLP068 T00281039
🔄	● VFR	KAKR	291854Z	25014G20KT 10SM BKN036 OVC043 03/M03 A2970 RMK AO2 PKWIND 26028/1825 SLP064 T00331028
🔄	● VFR	KPOV	291936Z	26012G19KT 10SM BKN032 OVC038 02/M04 A2968 RMK AO2 P0001 T00181036
🔄	● MVFR	KLPR	291853Z	28013G22KT 10SM BKN030 03/M03 A2970 RMK AO2 SLP064 T00281033
🔄	● VFR	KCLE	291851Z	27018G23KT 10SM BKN036 04/M04 A2972
🔄	● MVFR	KCGF	291945Z	28015G25KT 15SM BKN025 BKN040 04/M02 A2968
🔄	● VFR	KLNN	291935Z	24016G24KT 10SM OVC050 03/M01 A2968 RMK AO1 T00251009

DESTINATION

🔄	● VFR	KBKL	291853Z	25020G26KT 9SM OVC047 04/M02 A2968 RMK AO2 PKWIND 25027/1827 SNE48 SLP056 P0000 T00391022
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ALTERNATE 1

🔄	● VFR	KCLE	291851Z	27018G23KT 10SM BKN036 04/M04 A2972
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ALTERNATE 2

🔄	● VFR	KCLE	291851Z	27018G23KT 10SM BKN036 04/M04 A2972
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NEXT: [Area Forecasts](#)

Figure 6 – Weather Briefing Summary Image 5 via Foreflight Mobile App part 2

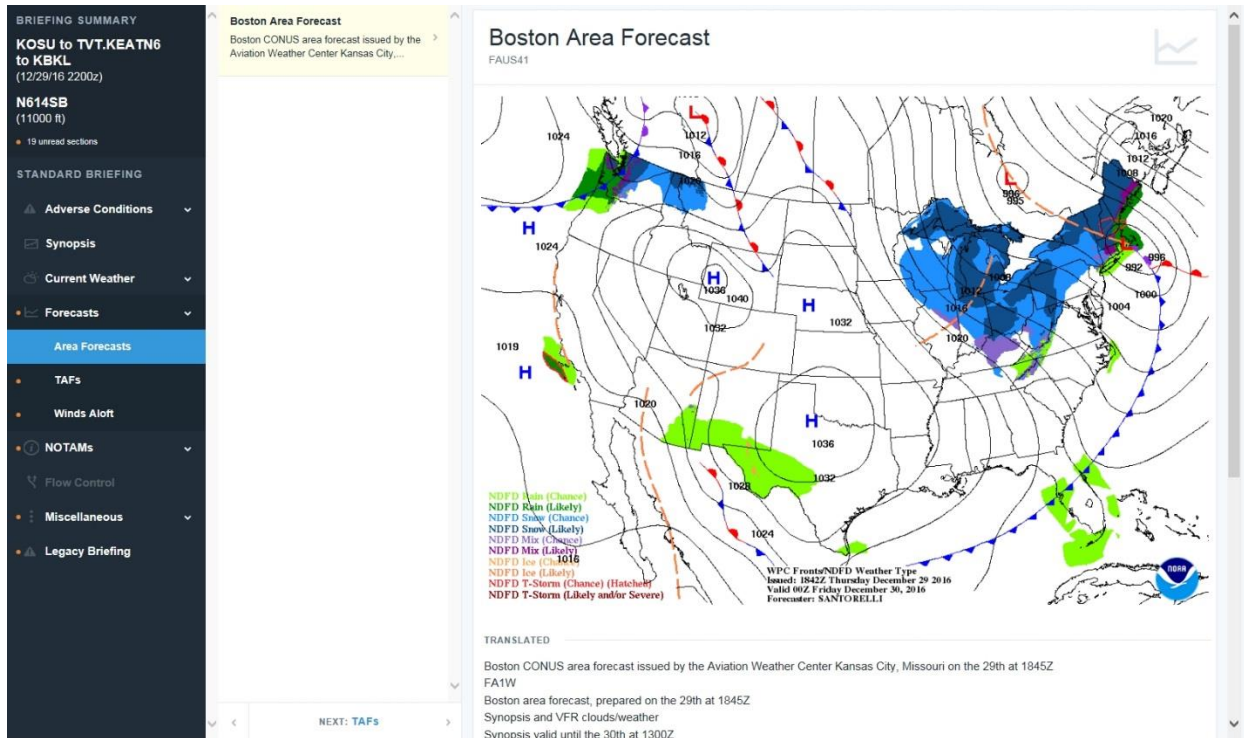


Figure 7 – Weather Briefing Summary Image 6 via Foreflight Mobile App

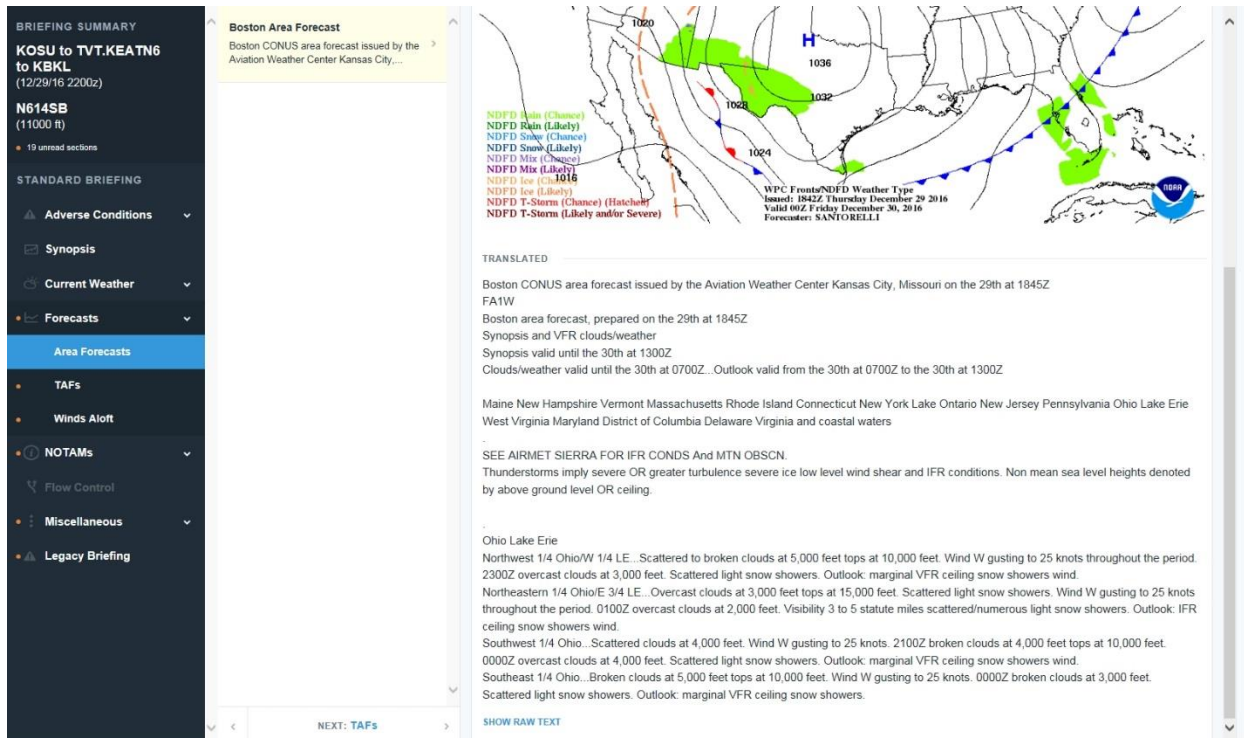


Figure 8 – Weather Briefing Summary Image 6 via Foreflight Mobile App part 2

BRIEFING SUMMARY

KOSU to TVT.KEATN6 to KBKL
(12/29/16 2200z)

N614SB
(11000 ft)


18 unread sections

STANDARD BRIEFING

- Adverse Conditions
- Synopsis
- Current Weather
- Forecasts
- Area Forecasts
- TAFs
- Winds Aloft
- NOTAMs
- Flow Control
- Miscellaneous
- Legacy Briefing

TAFs

PLAIN TEXT OFF



	● VFR	TAF KLCK 291747Z 2918/3018 27015G23KT P6SM SCT035
2200Z	● VFR	FM292000 26017G25KT P6SM BKN035
	● MVFR	FM300000 27018G35KT P6SM VCSH OVC030
	● MVFR	TEMPO 3001/3005 3SM -SHSN
	● MVFR	FM300800 27016G26KT P6SM -SHSN OVC025
	● VFR	FM301600 28014G25KT P6SM OVC040 AMD NOT SKED =
-3min →	● VFR	TAF KCMH 291747Z 2918/3018 27012G22KT P6SM SCT040 BKN110
2203Z	● VFR	FM292200 27017G25KT P6SM BKN035
	● MVFR	FM300000 28018G33KT P6SM VCSH OVC030

NEXT: Winds Aloft

Figure 9 – Weather Briefing Summary Image 7 via Foreflight Mobile App

BRIEFING SUMMARY


KOSU to TVT.KEATN6 to KBKL
(12/29/16 2200z)

N614SB
(11000 ft)

• 18 unread sections

STANDARD BRIEFING

- ⚠ Adverse Conditions
- 📄 Synopsis
- 🌤 Current Weather
- 📅 Forecasts
- Area Forecasts
- TAFs
- 🌀 Winds Aloft
- 📍 NOTAMs
- 📡 Flow Control
- ⋮ Miscellaneous
- 🏠 Legacy Briefing



	● VFR	TAF KLCK 291747Z 2918/3018 27015G23KT P6SM SCT035
2200Z	● VFR	FM292000 26017G25KT P6SM BKN035
	● MVFR	FM300000 27018G35KT P6SM VCSH OVC030
	● MVFR	TEMPO 3001/3005 3SM -SHSN
	● MVFR	FM300800 27016G26KT P6SM -SHSN OVC025
	● VFR	FM301600 28014G25KT P6SM OVC040 AMD NOT SKED =
-3min →	● VFR	TAF KCMH 291747Z 2918/3018 27012G22KT P6SM SCT040 BKN110
2203Z	● VFR	FM292200 27017G25KT P6SM BKN035
	● MVFR	FM300000 28018G33KT P6SM VCSH OVC030
	● MVFR	TEMPO 3001/3005 3SM -SHSN
	● MVFR	FM300800 28016G26KT P6SM -SHSN OVC025
	● VFR	FM301600 28014G25KT P6SM OVC040 =
2238Z	● MVFR	TAF KCAK 291738Z 2918/3018 25015G25KT P6SM BKN025
-38min →	● VFR	TEMPO 2919/2922 SCT025
	● MVFR	FM300000 26015G25KT P6SM OVC025
	● IFR	TEMPO 3001/3005 1 1/2SM -SHSN OVC015
	● MVFR	FM300500 27015G25KT 5SM -SHSN OVC025
	● MVFR	FM301500 28015G25KT 6SM -SHSN OVC025 =
2253Z	● MVFR	TAF KCLE 291738Z 2918/3024 25015G25KT P6SM BKN025
	● MVFR	FM300000 26020G30KT 3SM -SHSN OVC025
	● IFR	TEMPO 3001/3004 1SM -SN BLSN OVC015
	● MVFR	FM300400 27015G25KT 5SM -SHSN OVC025
	● IFR	FM301000 27015G25KT 2SM -SHSN OVC025
	● MVFR	FM301400 28015G25KT 5SM -SHSN OVC025 =

NEXT: Winds Aloft

Figure 10 – Weather Briefing Summary Image 7 via Foreflight Mobile App part 2

BRIEFING SUMMARY
KOSU to TVT.KEATN6 to KBKL
 (12/29/16 2200z)
N614SB
 (11000 ft)
 • 17 unread sections

STANDARD BRIEFING

- Adverse Conditions
- Synopsis
- Current Weather
- Forecasts
 - Area Forecasts
 - TAFs
 - Winds Aloft**
- NOTAMs
- Flow Control
- Miscellaneous
- Legacy Briefing

Winds Aloft

ONLY ALTITUDES WITHIN 4,000FT

VALID **December 29, 1800Z** FOR USE **1400Z - 2100Z** **6hr**

Station ID	7000 -4000 FT	9000 -2000 FT	11000 FILED	12000 +1000 FT	13000 +2000 FT	15000 +4000 FT
CVG	300° 32kts -9°C	300° 32kts -15°C	300° 34kts -19°C	300° 36kts -22°C	298° 37kts -24°C	295° 39kts -29°C
CMH	300° 35kts -10°C	300° 35kts -15°C	293° 36kts -20°C	290° 37kts -23°C	290° 36kts -25°C	290° 35kts -30°C
AGC	276° 38kts -12°C	270° 42kts -16°C	263° 44kts -20°C	260° 45kts -22°C	260° 44kts -24°C	260° 43kts -29°C
CLE	310° 36kts -11°C	310° 40kts -16°C	303° 42kts -20°C	300° 43kts -23°C	298° 42kts -25°C	295° 41kts -30°C
YQG	300° 37kts -11°C	300° 40kts -16°C	293° 40kts -20°C	290° 40kts -23°C	288° 38kts -25°C	285° 36kts -31°C

VALID **December 30, 0000Z** FOR USE **2100Z - 0600Z** **12hr**

Station ID	7000 -4000 FT	9000 -2000 FT	11000 FILED	12000 +1000 FT	13000 +2000 FT	15000 +4000 FT
CVG	300° 45kts -13°C	300° 48kts -17°C	293° 50kts -20°C	290° 51kts -22°C	290° 50kts -24°C	290° 48kts -28°C
CMH	283° 40kts -13°C	270° 40kts -17°C	276° 41kts -21°C	280° 42kts -23°C	281° 42kts -25°C	285° 43kts -29°C
AGC	290° 41kts -11°C	290° 43kts -17°C	283° 43kts -21°C	280° 44kts -24°C	280° 43kts -26°C	280° 43kts -31°C
CLE	280° 36kts -13°C	280° 34kts -17°C	280° 36kts -22°C	280° 37kts -25°C	280° 36kts -27°C	280° 36kts -31°C
YQG	296° 34kts -13°C	290° 31kts -18°C	290° 31kts -22°C	290° 31kts -25°C	290° 31kts -27°C	290° 32kts -31°C

VALID **December 30, 1200Z** FOR USE **0600Z - 1800Z** **24hr**

Station ID	7000	9000	11000	12000	13000	15000

NEXT: [Departure Notams](#)

Figure 11 – Weather Briefing Summary Image 8 via Foreflight Mobile App