

# METEOROLOGY

Automated Terminal Information Service



# ATIS

Automated Terminal Information Service (ATIS) provides airport specific information including local weather, to arriving and departing aircraft by means of a recorded continuous and repetitive broadcast. Refer to the CFS for ATIS availability at specific airports.

01

## Continuously Broadcast

ATIS is the continuous broadcasting of recorded information for arriving and departing aircraft on a discrete VHF/UHF frequency.

02

## Purpose

Its purpose is to improve controller and flight service specialist effectiveness and to relieve frequency congestion by automating the repetitive transmission of essential but routine information.

# What's in an ATIS

ATIS messages are recorded in a standard format and contain such information as:

- 01** Airport name and message code letter
- 02** Weather information, including: time, surface wind, including gusts, visibility, weather and obstructions to vision, ceiling, sky condition, temperature, dew point, altimeter setting, pertinent SIGMETs, AIRMETs and PIREPs, and other pertinent remarks
- 03** Type of instrument approach in use, including information on parallel or simultaneous converging runway operations
- 04** Landing runway, both IFR and VFR, including information on hold short operations and the stopping distance available
- 05** Departure runway, both IFR and VFR

# What's in an ATIS

ATIS messages are recorded in a standard format and contain such information as:

- 06** A NOTAM or an excerpt from a NOTAM, pertinent information regarding the serviceability of a NAVAID, or field conditions applicable to arriving or departing aircraft.
- 07** Instruction that aircraft are to acknowledge receipt of the ATIS broadcast on initial contact with ATC/FSS
- 08** Each recording will be identified by a phonetic alphabet code letter, beginning with ALFA. Succeeding letters will be used for each subsequent message.

# Example

*TORONTO INTERNATIONAL INFORMATION BRAVO*

*WEATHER AT ONE FOUR ZERO ZERO ZULU*

*WIND ZERO FIVE ZERO AT TWO ZERO*

*VISIBILITY FIVE HAZE*

*CEILING THREE THOUSAND OVERCAST*

*TEMPERATURE ONE EIGHT, DEW POINT ONE SIX*

*ALTIMETER TWO NINER FOUR SIX*

*PARALLEL ILS APPROACHES ARE IN PROGRESS.*

*IFR LANDING ZERO SIX RIGHT, ZERO SIX LEFT*

*VFR LANDING ZERO SIX LEFT. DEPARTURE ZERO SIX LEFT*

*NOTAM: GLIDE PATH ILS RUNWAY ONE FIVE OUT OF SERVICE. INFORM ATC YOU HAVE INFORMATION BRAVO*

 **Airport and Alphabetic Identifier**

# Example

*TORONTO INTERNATIONAL INFORMATION BRAVO*

*WEATHER AT ONE FOUR ZERO ZERO ZULU*

*WIND ZERO FIVE ZERO AT TWO ZERO*

*VISIBILITY FIVE HAZE*

*CEILING THREE THOUSAND OVERCAST*

*TEMPERATURE ONE EIGHT, DEW POINT ONE SIX*

*ALTIMETER TWO NINER FOUR SIX*

*PARALLEL ILS APPROACHES ARE IN PROGRESS.*

*IFR LANDING ZERO SIX RIGHT, ZERO SIX LEFT*

*VFR LANDING ZERO SIX LEFT. DEPARTURE ZERO SIX LEFT*

*NOTAM: GLIDE PATH ILS RUNWAY ONE FIVE OUT OF SERVICE. INFORM ATC YOU HAVE INFORMATION BRAVO*

## Time of Observation

# Example

*TORONTO INTERNATIONAL INFORMATION BRAVO  
WEATHER AT ONE FOUR ZERO ZERO ZULU*

*WIND ZERO FIVE ZERO AT TWO ZERO*

*VISIBILITY FIVE HAZE*

*CEILING THREE THOUSAND OVERCAST*

*TEMPERATURE ONE EIGHT, DEW POINT ONE SIX*

*ALTIMETER TWO NINER FOUR SIX*

*PARALLEL ILS APPROACHES ARE IN PROGRESS.*

*IFR LANDING ZERO SIX RIGHT, ZERO SIX LEFT*

*VFR LANDING ZERO SIX LEFT. DEPARTURE ZERO SIX LEFT*

*NOTAM: GLIDE PATH ILS RUNWAY ONE FIVE OUT OF SERVICE. INFORM ATC YOU HAVE INFORMATION BRAVO*

 **Winds at time of observation**

# Example

*TORONTO INTERNATIONAL INFORMATION BRAVO  
WEATHER AT ONE FOUR ZERO ZERO ZULU  
WIND ZERO FIVE ZERO AT TWO ZERO*

*VISIBILITY FIVE HAZE*

*CEILING THREE THOUSAND OVERCAST  
TEMPERATURE ONE EIGHT, DEW POINT ONE SIX  
ALTIMETER TWO NINER FOUR SIX*

*PARALLEL ILS APPROACHES ARE IN PROGRESS.*

*IFR LANDING ZERO SIX RIGHT, ZERO SIX LEFT*

*VFR LANDING ZERO SIX LEFT. DEPARTURE ZERO SIX LEFT*

*NOTAM: GLIDE PATH ILS RUNWAY ONE FIVE OUT OF SERVICE. INFORM ATC YOU HAVE INFORMATION BRAVO*

 **Visibility at time of observation**



# Example

TORONTO INTERNATIONAL INFORMATION BRAVO  
WEATHER AT ONE FOUR ZERO ZERO ZULU  
WIND ZERO FIVE ZERO AT TWO ZERO  
VISIBILITY FIVE HAZE

*CEILING THREE THOUSAND OVERCAST*

TEMPERATURE ONE EIGHT, DEW POINT ONE SIX

ALTIMETER TWO NINER FOUR SIX

PARALLEL ILS APPROACHES ARE IN PROGRESS.

IFR LANDING ZERO SIX RIGHT, ZERO SIX LEFT

VFR LANDING ZERO SIX LEFT. DEPARTURE ZERO SIX LEFT

NOTAM: GLIDE PATH ILS RUNWAY ONE FIVE OUT OF SERVICE. INFORM ATC YOU HAVE INFORMATION BRAVO

 **Cloud coverage at time of observation**

# Example

*TORONTO INTERNATIONAL INFORMATION BRAVO*

*WEATHER AT ONE FOUR ZERO ZERO ZULU*

*WIND ZERO FIVE ZERO AT TWO ZERO*

*VISIBILITY FIVE HAZE*

*CEILING THREE THOUSAND OVERCAST*

*TEMPERATURE ONE EIGHT, DEW POINT ONE SIX*

*ALTIMETER TWO NINER FOUR SIX*

*PARALLEL ILS APPROACHES ARE IN PROGRESS.*

*IFR LANDING ZERO SIX RIGHT, ZERO SIX LEFT*

*VFR LANDING ZERO SIX LEFT. DEPARTURE ZERO SIX LEFT*

*NOTAM: GLIDE PATH ILS RUNWAY ONE FIVE OUT OF SERVICE. INFORM ATC YOU HAVE INFORMATION BRAVO*

 **Temperature and dewpoint at time of observation**

# Example

*TORONTO INTERNATIONAL INFORMATION BRAVO  
WEATHER AT ONE FOUR ZERO ZERO ZULU  
WIND ZERO FIVE ZERO AT TWO ZERO  
VISIBILITY FIVE HAZE*

*CEILING THREE THOUSAND OVERCAST  
TEMPERATURE ONE EIGHT, DEW POINT ONE SIX*

*ALTIMETER TWO NINER FOUR SIX*

*PARALLEL ILS APPROACHES ARE IN PROGRESS.*

*IFR LANDING ZERO SIX RIGHT, ZERO SIX LEFT*

*VFR LANDING ZERO SIX LEFT. DEPARTURE ZERO SIX LEFT*

*NOTAM: GLIDE PATH ILS RUNWAY ONE FIVE OUT OF SERVICE. INFORM ATC YOU HAVE INFORMATION BRAVO*

 **Altimeter setting at time of observation**

# Example

*TORONTO INTERNATIONAL INFORMATION BRAVO*

*WEATHER AT ONE FOUR ZERO ZERO ZULU*

*WIND ZERO FIVE ZERO AT TWO ZERO*

*VISIBILITY FIVE HAZE*

*CEILING THREE THOUSAND OVERCAST*

*TEMPERATURE ONE EIGHT, DEW POINT ONE SIX*

*ALTIMETER TWO NINER FOUR SIX*

*PARALLEL ILS APPROACHES ARE IN PROGRESS.*

*IFR LANDING ZERO SIX RIGHT, ZERO SIX LEFT*

*VFR LANDING ZERO SIX LEFT. DEPARTURE ZERO SIX LEFT*

*NOTAM: GLIDE PATH ILS RUNWAY ONE FIVE OUT OF SERVICE. INFORM ATC YOU HAVE INFORMATION BRAVO*

 **Approaches and runways in use at time of observation**

# Example

*TORONTO INTERNATIONAL INFORMATION BRAVO  
WEATHER AT ONE FOUR ZERO ZERO ZULU  
WIND ZERO FIVE ZERO AT TWO ZERO  
VISIBILITY FIVE HAZE*


*CEILING THREE THOUSAND OVERCAST  
TEMPERATURE ONE EIGHT, DEW POINT ONE SIX  
ALTIMETER TWO NINER FOUR SIX*

*PARALLEL ILS APPROACHES ARE IN PROGRESS.*

*IFR LANDING ZERO SIX RIGHT, ZERO SIX LEFT*

*VFR LANDING ZERO SIX LEFT. DEPARTURE ZERO SIX LEFT*

*NOTAM: GLIDE PATH ILS RUNWAY ONE FIVE OUT OF SERVICE. INFORM ATC YOU HAVE INFORMATION BRAVO*

 **Relevant NOTAM(s) at time of observation**