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Public Information Statement, Comments Sought
National Weather Service Headquarters Washington DC
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To: Subscribers:
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FROM: Cyndie Abelman
 Chief, Aviation Services Branch

SUBJECT: Soliciting Comments on the NWS Experimental Wind
 Compression Decision Support Graphic at the
 Fort Worth, TX, CWSU (ZFW) from January 10 through
 October 1, 2014

Effective Friday, January 10, 2014, at 1700 Coordinated
Universal Time (UTC) through October 1, 2014, a compression
decision support graphic will be posted to the CWSU ZFW web
portal. Aircraft traffic compression occurs when aircraft
flying Standard Terminal Arrivals (STARS), following one
behind the other, lose adequate horizontal separation from
each other. The conditions that create this situation are
usually a rapid change in wind direction and speed with
respect to altitude and between the two aircraft.

Traffic compression can occur when an aircraft, during descent,
transitions from a tailwind, or a weak headwind, to a stronger
headwind over a small change in altitude. This change could also
occur with a heading change of the aircraft during its approach.

The Fort Worth CWSU (ZFW) has experimented with this product for
several years with favorable results. At the end of the comment
period, the Experimental Wind Compression Decision Support
Graphic will be evaluated for national availability.

The experimental decision support graphic customers include
personnel at the Air Traffic Control System Command Center
(ATCSCC), FAA ARTCC Traffic Management Unit, TRACON, airline
dispatchers, flight service specialists, CWSU meteorologists,
airlines and pilots. This experimental product is posted at:

http://www.srh.noaa.gov/images/rtimages/zfw/DFW_Compression.png

NWS is seeking comments through through October 1, 2014.
Your feedback on this product is greatly appreciated. Please
complete the survey at:

<http://www.nws.noaa.gov/survey/nws-survey.php?code=WCDSG>

For more information concerning the ZFW compression decision support experimental graphic, please contact:

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Public Information Statements are online at:

<http://www.weather.gov/os/notif.htm>

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