

The Collaborative Decision Making Model



CDM

Collaborative
Decision Making

Franklin J. McIntosh, FAA Lead

James Hamilton, Industry Lead

Ron Foley, NATCA Lead

The Collaborative Decision Making Model 2015

Philosophy

Embraces partnership, combines the talents and experiences of all individuals, and facilitates the harmonization and globalization of the world's airspace system

Process

Sharing data to create a common view of the ATFM system from which to base decisions, and including ATFM stakeholders in the decision-making process



CDM

Collaborative
Decision Making

The Collaborative Decision Making Model 2015

CDM Culture

- *Build Trust*
- *Take Ownership*
- *Support Decisions*
- *Common Goals*
- *Equality*
- *Transparency*
- *Sharing Information*



CDM

Collaborative
Decision Making

The Collaborative Decision Making Model 2015

Results of CDM

- *More effective communication*
- *Increased information exchange*
- *More effective decision making*
- *Better business decisions*
- *Better solutions to ATFM*



CDM

Collaborative
Decision Making

The Collaborative Decision Making Model 2015

CDM Goals for 2015

Continue goal-oriented forums between government and industry for the development of solutions to problems within Air Traffic Management (ATM)

Facilitate increased information exchange between all ATM stakeholders for more effective decision making

Continue effective communications path among all ATM stakeholders for increased system safety and efficiency



CDM

Collaborative
Decision Making

The Collaborative Decision Making Model 2015

CDM Sub-team Goals for 2015

Procedural improvements

Tool development

Common situational awareness

More flexible and dynamic planning

More complete picture of the NAS

Stakeholders to respond more effectively



CDM

Collaborative
Decision Making



CDM

Collaborative
Decision Making

2015 ACCOMPLISHMENTS

The Collaborative Decision Making Model 2015

ACCOMPLISHMENTS

New CDM Leadership Guide

New 2015 CDM MOA

Adoption of DAS mode as the preferred method for re-control to offer better customer predictability

Automated CCFP – 365 days a year/24 hours a day/ 7 days a week

2 Hour CCFP available via the Aviation Weather Web Site

Adoption of 11 new surface data elements to help further Surface Advancement

Collaborative Aviation Weather Statement (CAWS)

CTOP Mitigation for the North Texas Metro Project and the promotion of CTOP for future events

New CDM Website

2015 CDM Spring Session



CDM

Collaborative
Decision Making



CDM

Collaborative
Decision Making

CDM STEERING GROUP - CSG

The Collaborative Decision Making Model 2015

The CDM Stakeholders Group

The CDM Stakeholders Group (CSG) is the oversight body of CDM. CSG establishes the strategic objectives for the CDM community and it provides direction, guidance, and process to CDM sub-teams and sub-team activities.

The result is an effective and collaborative government-industry communication forum that not only provides a means for enhancing the efficiency of the NAS, but also a pathway for promoting more effective management and leadership throughout the ATFM domain



CDM

Collaborative
Decision Making

The Collaborative Decision Making Model 2015

Changes in 2015 to the CDM Stakeholders Leadership Group

Dave Foyle (CSG Co-Chair)

James Bedow (FAA CDM Co-Lead)

Ernie Stellings

Bob Everson

Mark Novak

Bill Cranor (CSG Co-Chair)

James Hamilton (Industry CDM Co-Lead)

Tim Stull

Anthony Tisdall

Frank Oley



CDM

Collaborative
Decision Making

The Collaborative Decision Making Model 2015

For complaints or issues please contact:

JAMES.C.BEDOW@FAA.GOV



CDM

Collaborative
Decision Making



CDM

Collaborative
Decision Making

CDM SUB-TEAMS and MEMBERSHIP

The Collaborative Decision Making Model 2015

CDM Sub-Team Leadership

Leadership within the CDM program is shared by the FAA, NATCA, and Industry; with the FAA CDM Lead being appointed by the FAA, the NATCA National Lead appointed by NATCA National Head Quarters, and the Industry Lead appointed by the Airlines for America Air Traffic Management Council (ATMC) with concurrence of the CSG industry members.



CDM

Collaborative
Decision Making

CDM Sub-Teams for 2015

- Weather Evaluation Team
- Surface CDM Team
- Future Concepts Team
- CDM Automation Team
- Flow Evaluation Team



CDM

Collaborative
Decision Making

CDM Sub-Teams for 2015

Weather Evaluation Team Members

Kevin Johnston – FAA/ATCSCC

Larry Larkin – FAA/ZDV

Jeff Sarver – UPS

Steve Scheuble – FAA/M98

Michael Pat Murphy – FAA

Starr McGettigan – FAA

Daniel Chretien – Met Services of Canada

Tom Lloyd - JBU

Matt Tucker – FAA/NATCA/ZTL

John Kosak - NBAA

Kris Kimmons - UAL

Linda LaBelle – FAA/ATCSCC

Eric Dupuis – NAVCANADA



CDM

Collaborative
Decision Making

CDM Sub-Teams for 2015

Surface CDM Team

Keith Alexander– FAA/SW MTO SA

Maureen Szczygielski– FAA/BOS ATC

Jeff Cunnyingham – FAA/LAX ATC

Dorsey DeMaster– UPS

Ron Ooten– SWA

Tim Reid – Delta

Dan Torres – FEDEX

Rob Goldman - Delta

Kyle Andrews – FAA/NATCA/ORD ATC

Bernie Davis - AAL

Charlie Mead- AAL

Rob Sherwin – A4A

Dean Snell – NBAA



CDM

Collaborative
Decision Making

CDM Sub-Teams for 2015

Future Concepts Team

Mark Holben– FAA/ATCSCC

Todd Bowlin – FAA/ZAB

Chris Kessler – FAA/P50

Mike Schwab – NBAA

Ron Ooten– SWA

Don Wolford - UAL

Mac Horton– FAA/NATCA/ZTL

Phil Santos - FEDEX

Brian Gwinn - Delta



CDM

Collaborative
Decision Making

CDM Sub-Teams for 2015

CDM Automation Team

Jill Sparrow – FAA/ATCSCC

Lenard Carter – FAA/ARTCC

Scott Fritz – AAL

RB Haggerty – A4A

Mike McAfee – FEDEX

Michael Namendorf - JBU

Charlie Mead - AAL

Gino Siller – FAA/ARTCC

Brett Gilbertson - DAL

Tim Matuszewski - UAL

Jim McClay - NBAA



CDM

Collaborative
Decision Making

CDM Sub-Teams for 2015

Flow Evaluation Team

Michael Murphy – FAA/ATCSCC

Lisa Ake– FAA/NATCA/ARTCC

Al Mahilo – FAA/ZOB

Mike Ferraro – SWA

Mike Sterenchuk – AAL

Darin Tietjen - SWA

Ernie Stellings - NBAA

Bob Ocon – FAA/ZNY

Perry Casselle- FAA/AJV7

John Martin - JBU

Dave Vogt - Delta



CDM

Collaborative
Decision Making

CDM Sub-Teams for 2015

CDM Training Team

Darnell Jones – FAA/ATCSCC

Joe Dotterer – FAA/ATCSCC

Gary Dockan - AAL



CDM

Collaborative
Decision Making



CDM

Collaborative
Decision Making

CDM INFORMATION and UPDATES

The Collaborative Decision Making Model 2015

WWW.CDM.FLY.FAA.GOV



Federal Aviation
Administration

[FAA Home](#)

[About FAA](#)

[Jobs](#)

[News](#)

[A-Z Index](#)



[CDM HOME](#)

[CDM INFO](#)

[SUB TEAMS](#)

[PRODUCTS](#)

[TRAINING](#)

[DATA FORMAT](#)

[ARCHIVES](#)

[CALENDAR](#)

[CONTACT US](#)

CDM Home

Improving Air Traffic Management Together

Collaborative Decision Making (CDM) is a joint government/industry initiative aimed at improving air traffic flow management through increased information exchange among aviation community stakeholders. CDM is comprised of representatives from government, general aviation, airlines, private industry and academia who work together to create technological and procedural solutions to the Air Traffic Flow Management (ATFM) challenges faced by the National Airspace System (NAS).

CDM is an operating paradigm where ATFM decisions are based on a shared, common view of the NAS and an awareness of the consequences these decisions may have on the system and its stakeholders. There are two central tenants to CDM; that better information will lead to better decision-making, and that tools and procedures need to be in place to enable air navigation service providers and the flight operators to more easily respond to changing conditions. By sharing information, values and preferences, stakeholders learn from each other and build a common pool of knowledge, resulting in ATM decisions and actions that are most valuable to the system. CDM plays an integral part in Air Traffic Management and is instrumental in global harmonization.

The leadership team behind CDM is the **Collaborative Stakeholders Group (CSG)**. The CSG meets monthly and provides recommendations to the FAA on CDM priorities and activities, oversees the general direction and mission of CDM and provides prioritization and tasking on possible technology, communication tools, etc., towards enhancing system efficiencies for the NAS. The CSG will form sub-teams and assign specific tasking to develop options for potential opportunities that may be presented to the FAA for action.

The current sub-teams are **the Flow Evaluation Team (FET)**, **the Future Concepts Team (FCT)**, **the CDM Training Team (CTT)**, **the Weather Evaluation Team (WET)**, **the Surface CDM Team (SCT)**, and **the CDM Automation Team (CAT)**. The sub-teams are comprised of members of the FAA and Industry and serve at the



CDM
Collaborative
Decision Making

Latest News & Posts

Latest CDM Newsletter



CDM Newsletter
Collaborative
Decision Making

CDM NEWSLETTER

WINTER 2015

Visit CDM on the web at: <http://cdm.fly.faa.gov>

CDM Sub-Team Updates

Flow Evaluation Team (FET)

In August the team was assigned the task of working with Fort Worth ARTCC on the implementation of their new arrival procedures for the DFW Metroplex Optimization of Airspace & Procedures in the Metroplex (OAPM) project. The FET was specifically tasked with determining if the Collaborative Trajectory Options Program (CTOP) could be of value for this effort. FET met with the stakeholders at



CDM

Collaborative
Decision Making



CDM

Collaborative
Decision Making

At the core of ATFM principles exists a fundamental philosophy that embraces partnership, combines the talents and experiences of all individuals, and facilitates the harmonization and globalization of the world's airspace system



CDM

Collaborative
Decision Making

THANK YOU