Period: August 1 - August 31, 2019



1. Work Completed During Period

- CASP Task 1: Scoping Study Design COMPLETE
- CASP Task 2: Project Management and Consultant Team Coordination
 - Prepared for and conducted bi-weekly calls on August 12 and 26. Internal team meetings were held to discuss tasks and progress. This twelfth progress report was developed for inclusion with the invoice.
- CASP Task 3: Public Consultation and Project Advisory Committee (PAC)
 - o Preparation for the third PAC meeting including developing slides and a board was conducted.
 - o The third PAC meeting was held on August 28 after the CAB meeting.
- CASP Task 4: Establish Study Design and Goals COMPLETE
- CASP Task 5: Inventory of System Condition
 - o No work was conducted during the month on the CDOT-only subtask (5.2).

• CASP Task 6: Review Existing NPIAS Airport Roles/Classifications

 KH finalized the chapter based on CDOT review and distributed Chapter 5: Airport Role and Classification Analysis to the PAC. Comments were received and a response matrix will be prepared in September.

• CASP Task 7: System Performance

- o KH drafted sections of the chapter based on completed analyses.
- All PMs and SIs and other analyses, including land use evaluations and terminal capacity calculations, were completed for inclusion in the PAC presentation. These included charts and maps for all analyses.

• CASP Task 8: Develop Aviation Forecasts

- KH developed forecasts of based aircraft, operations, and enplanements for the airports. Three
 methodologies were applied for these three indicators. A comparison to the FAA's Terminal Area Forecast
 (TAF) was also prepared.
- \circ $\;$ KRAMER Aerotek developed a draft trends section of the chapter.
- Sections of the chapter were drafted.

• CASP Task 9: Explore Aviation Issues and Identify System Needs

o KH received a few comments on Chapter 4: Aviation System Issues from the PAC. A response matrix was prepared to document the comments received and proposed actions. CDOT reviewed and approved the proposed responses. The chapter was revised and will be posted to the website in early September.

CASP Task 10: Review of Intermodal Integration and Access

o KH received a few comments on the combined Chapter 3: Supplemental System Context that includes the intermodal integration and access analysis and environmental considerations (Task 11). A response matrix was prepared to document the comments received and proposed actions. CDOT reviewed and approved the proposed responses. The chapter was revised and will be posted to the website in early September.

CASP Task 11: Review of Environmental Considerations

See Task 10 for description of combined Chapter 3: Supplemental System Context.

• CEIS Task 2: Calibrate Econometric Model

- EDR purchased IMPLAN and calibrated the model to reflect current Colorado conditions.
- o The model was finalized with all direct data received was input into IMPLAN.

CEIS Task 3: Calculate Impacts

 KH and EDR continued review of all draft direct economic impact data obtained from airports and tenants, as well as indirect and induced results.

Progress Report #12 (continued)





- Estimates of visitor spending data were evaluated and compared to data from 2013 for both commercial service and general aviation visitors.
- o KH sent draft GA visitors data to CDOT for review and discussion on August 29.
- CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates and to Estimate Impacts of Future Scenarios
 - o EDR revised the Dynamic Calculator based on CDOT comments that were provided in July and August.
- CEIS Task 9: Economic Impacts of DEN
 - KH and EDR continued estimating the economic impacts of DEN, including modeling indirect and induced impacts, as well as commercial service visitor spending patterns.

2. Work Anticipated in Next Period

- CASP Task 2: Project Management and Consultant Team Coordination
 - o Continue bi-weekly calls and meeting summaries.
- CASP Task 3: Public Consultation and Project Advisory Committee (PAC)
 - \circ Task 3.2 Follow up and summarize results of PAC meeting #3.
 - Task 3.7 Project Website: Add August progress report when approved by CDOT and chapters when revised based on PAC input.
- CASP Task 6: Review Existing NPIAS Airport Roles/Classifications
 - Submit response matrix to CDOT and make revisions to Chapter 5.
 - Post final Chapter 5 to project website.
- CASP Task 7: System Performance
 - Complete documentation of draft Existing System Performance including the evaluation of the adequacy of airport system condition, utilizing the charts and maps. The chapter will include airfield and terminal capacities for each airport (excluding DEN) and the general land use evaluation for overall compatibility.
- CASP Task 8: Develop Aviation Forecasts
 - o Complete draft forecasts chapter.
- CASP Task 9: Explore Aviation Issues and Identify System Needs
 - o Post Chapter 4 to the project website.
- CASP Task 10: Review of Intermodal Integration and Access
 - Post Chapter 3 to the project website.
- CASP Task 11: Review of Environmental Considerations
 - o Post Chapter 3 to the project website.
- CASP Task 15: Include Real-Life Stories NON FEDERAL
 - o Continue documenting real-life stories and summarize for use in the study.
- CEIS Task 1: Data Collection
 - Finalize technical memorandum which documents survey results and processes and submit to CDOT for review.
- CEIS Task 5: Define Economic Role of Airports in Air Cargo
 - Complete modeling air cargo data as reported by the airport and Bureau of Transportation Statistics (BTS).
 - Develop draft technical memorandum which documents the methodology and findings of air cargo in Colorado.

Progress Report #12 (continued)





- CEIS Task 6: Calculate Economic Impacts on Colorado's Agriculture Industry
 - Develop draft technical memorandum which documents the methodology and findings of the economic impacts on Colorado's agriculture industry.
- CEIS Task 8: Deliver an Economic Impact Model to Enable CDOT to Conduct Simple Updates to Estimate Impacts of Future Scenarios
 - o Continue model development, integrating the economic impact results once approved.
- CEIS Task 9: Economic Impacts of DEN
 - Conduct call with DEN staff on draft results.
- CEIS Task 11: Project Management and Reporting
 - o EDR Group continue to participate in bi-weekly calls with CDOT.

3. <u>Issues Incurred</u>

- Several individual task deadlines were extended to provide additional time for CDOT and PAC review.
 These include:
 - Extended CASP Task 5: Inventory of System Condition through July.
 - o Extended CASP Task 6: Review Existing NPIAS Airport Roles/Classifications through August.
 - o Extended CASP Task 7: Existing System Performance through **September**.
 - o Extended CASP Task 8: Develop Aviation Forecasts through September.
 - Extended CASP Task 10: Review of Intermodal Integration and Airport Access and CASP Task 11: Review of Environmental Considerations (chapter is 3: Supplemental System Context) through July.
 - o Extended CEIS Task 3: Calculate Impacts through August.
 - Extended CEIS Task 4: Calculate Tax Impacts through August.
 - o Extended CEIS Task 5: Define Economic Role of Airports in Air Cargo through August.
- The individual task extensions above should not affect final project deadline for the CASP or CEIS.