

CONTRACT DATA REQUIREMENTS LIST (CDRL)

X013		TDP <input type="checkbox"/>	TM <input type="checkbox"/>	Other <input type="checkbox"/>
D. System/Item	E. Contract/PR No.	F. Contractor		

CDRL 001	S/W Revisions/Upgrades	
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4. Authority PWS	5. Contact Reference C.1.4.4.1	6. Requiring Office TBD
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7. DD 250 Req'd N/A	8. APP Code A	9. Distribution Statement Required	10. Frequency BLOCK 14	11. As of Date (AOD)
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12. Date of First Submission BLOCK 14	13. Date of Subsequent Submission ASREQ	15. Distribution
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14. REMARKS: BLOCKS 10 & 12: Submit within 90 days of release of revision/upgrade. Provide revision/upgrade and supporting documentation on appropriate distribution media. Government approval required prior to implementation of revision or upgrade.	a. Addressee	b. Draft Copies	c. Final Copies	
			Reg.	Repro
	COTR		1	
	16. Total			

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17. Price Group	18. Estimated Total Price
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INSTRUCTIONS FOR COMPLETING FAA Template No. 59 (6/98)

- A. **Contract Line Item No.** Contract Line Item Number (CLIN) associated with this Contract Data Requirements List (CDRL).
- B. **Exhibit.** Exhibit identifier for this CDRL item.
- C. **Category.** TDP, TM, or Other.
- D. **System/Item.** System, item, project designator or name, or title of services being acquired that the data will support.
- E. **Contract/PR No.** Procurement Instrument Identification Number (PIIN) (i.e., the contract number, the Purchase Request (PR) number, the screening Information Request (SIR) number, or other appropriate designator.
- F. **Contractor.** Contractor's name.
- G. **Prepared by.** Preparer's organization responsible for preparing the CDRL.
- H. **Date.** Date the form was prepared.
- I. **Approved by.** Office responsible for approving the CDRL. The approving official's signature appears on the last page of exhibit.
- J. **Date.** The date the CDRL was approved.

1. **Data Item No.** The 4-character Exhibit Line Item Number (ELIN). The first position consists of the exhibit identifier and the remaining positions are assigned sequentially.
2. **Title of Data Item.** The title of the Data Item Description (DID) cited in item 4.
3. **Subtitle.** Further identification of the data item to supplement the title, if required.
4. **Authority (Data Acquisition Document No.)** DID identification number where detailed preparation instructions are provided.
5. **Contract Reference.** The specific paragraph number of the applicable contractual document that contains the tasking that generates a requirement for the data item. Normally, this will be a Statement of Work (SOW) paragraph.
6. **Requiring Office.** The technical office having responsibility for ensuring the technical adequacy of the data.
7. **DD 250 Required.**
8. **APP Code.** Identification, by entry of an "A," of a requirement for advance written approval prior to final distribution of an item of data. An "A" in this item indicates that one or more draft submittals are required. Item 14 will show length of turn-around time for the contractor to resubmit the data after Government approval/disapproval has been issued.
9. **Distribution Statement Required.**
10. **Frequency.** The frequency of data submittal. Entries in this item are explained in Table 1. If the data is of a recurring type, it is to be submitted at the end of the reporting period established in this item unless otherwise indicated in item 14.

Table 1. Data Submittal Frequency Codes			
CODE	FREQUENCY	CODE	FREQUENCY
ANPLY	Annually	ASGEN	As generated
ASREQ	As required	BI-MO	Every two months
BI-WK	Every two weeks	CP/RQ	Change pages as required
DAILY	Daily	DFDEL	Deferred delivery
MTHLY	Monthly	ONE/R	One time with revisions
OTIME	One time (does not include draft submissions)	QRTLY	Quarterly
R/ASR	Revisions as required	SEMIA	Every six months
WEKLY	Weekly	"N"TIME	Multiple separate submittals (2time, 3time, etc.)
See Item #14	Requirement is described in item #14. Used in lieu of other codes where such are inadequate to define requirement, or used in addition to other codes requiring amplification in item #14.		

11. **As of Date.** Date for cutting off collection of the data. If the data is to be submitted multiple times, a numeral will be entered to indicate the number of calendar days prior to the end of the reporting period, established in item 10, that data collection will be cut off. For example, "15" would place the "as of date" for the data at 15 days before the end of the month, quarter, or year, depending upon the frequency established in item 10; a "0 or blank" would place the "as of" date at the end of each month, quarter, etc.
12. **Date of First Submission.** Due date for initial data submission. This is normally the postage date or date the data is delivered to the Contracting Officer or keyed to a specific event or milestone, using a code from Table 2.

Table 2. Data Submission Codes			
Code	Definition	Code	Definition
ASGEN	As generated	ASREQ	As required
DFDEL	Deferred delivery	"N"DAC	Days after contract award
"N"DACM	Days after contract modification	"N"DARP	Days after reporting period
"N"DARC	Days after receipt of comments	"N"DTC	Days after test completion
NLT	No later than	EOC	End of contract
EOM	End of month	EOQ	End of quarter
See Item #14	Use to indicate requirement is described in item 14. Used in lieu of other codes where such are inadequate to define requirement or used in addition to other codes when amplification is included in item 14.		

The "N" is assigned a value indicating the number of days, e.g., 30 DAC

13. **Date of Subsequent Submission.** Due date(s) for subsequent data submission(s), if data is to be submitted more than once. If submittal is constrained by a specific event or milestone, the constraint will be given using a code from Table 2.
14. **Remarks.** Contains all pertinent information not specified elsewhere and any amplification of other items on this format (e.g., DID tailoring, approval criteria and authority, inspection and acceptance clarification, distributions statements, specific submission instructions, explanation of reproducible copy and delivery requirements, alternative medium for delivery of the data item, etc.)
15. **Distribution.** Addressees and the number of draft and final copies (regular or reproducible) to be provided to each. FAA facility designator and/or office symbols/codes may be used; however, an explanation of these will be provided in the Addressee Listing. When reproducible copies (e.g., magnetic diskettes/tape, vellum, negative, etc.) are required, an explanation will be provided in item 14. If deferred delivery is required, amplification will be given in item 14.
16. **Total.** Total number of draft and final (regular/reproducible) copies required.
17. **Price Group.** Not used.
18. **Estimated Total Price.** Not used.

INSTRUCTIONS FOR COMPLETING FAA Template No. 59 (6/98)

- A. **Contract Line Item No.** Contract Line Item Number (CLIN) associated with this Contract Data Requirements List (CDRL).
- B. **Exhibit.** Exhibit identifier for this CDRL item.
- C. **Category.** TDP, TM, or Other.
- D. **System/Item.** System, item, project designator or name, or title of services being acquired that the data will support.
- E. **Contract/PR No.** Procurement Instrument Identification Number (PIIN) (i.e., the contract number, the Purchase Request (PR) number, the screening Information Request (SIR) number, or other appropriate designator.
- F. **Contractor.** Contractor's name.
- G. **Prepared by.** Preparer's organization responsible for preparing the CDRL.
- H. **Date.** Date the form was prepared.
- I. **Approved by.** Office responsible for approving the CDRL. The approving official's signature appears on the last page of exhibit.
- J. **Date.** The date the CDRL was approved.

- 1. **Data Item No.** The 4-character Exhibit Line Item Number (ELIN). The first position consists of the exhibit identifier and the remaining positions are assigned sequentially.
- 2. **Title of Data Item.** The title of the Data Item Description (DID) cited in item 4.
- 3. **Subtitle.** Further identification of the data item to supplement the title, if required.
- 4. **Authority (Data Acquisition Document No.)** DID identification number where detailed preparation instructions are provided.
- 5. **Contract Reference.** The specific paragraph number of the applicable contractual document that contains the tasking that generates a requirement for the data item. Normally, this will be a Statement of Work (SOW) paragraph.
- 6. **Requiring Office.** The technical office having responsibility for ensuring the technical adequacy of the data.
- 7. **DD 250 Required.**
- 8. **APP Code.** Identification, by entry of an "A," of a requirement for advance written approval prior to final distribution of an item of data. An "A" in this item indicates that one or more draft submittals are required. Item 14 will show length of turn-around time for the contractor to resubmit the data after Government approval/disapproval has been issued.
- 9. **Distribution Statement Required.**
- 10. **Frequency.** The frequency of data submittal. Entries in this item are explained in Table 1. If the data is of a recurring type, it is to be submitted at the end of the reporting period established in this item unless otherwise indicated in item 14.

Table 1. Data Submittal Frequency Codes			
CODE	FREQUENCY	CODE	FREQUENCY
ANPLY	Annually	ASGEN	As generated
ASREQ	As required	BI-MO	Every two months
BI-WE	Every two weeks	CP/RQ	Change pages as required
DAILY	Daily	DFDEL	Deferred delivery
MTHLY	Monthly	ONE/R	One time with revisions
OTIME	One time (does not include draft submissions)	QRTLY	Quarterly
R/ASR	Revisions as required	SEMIA	Every six months
WEKLY	Weekly	"N"TIME	Multiple separate submittals (2time, 3time, etc.)
See Item #14	Requirement is described in item #14. Used in lieu of other codes where such are inadequate to define requirement, or used in addition to other codes requiring amplification in item #14.		

- 11. **As of Date.** Date for cutting off collection of the data. If the data is to be submitted multiple times, a numeral will be entered to indicate the number of calendar days prior to the end of the reporting period, established in item 10, that data collection will be cut off. For example, "15" would place the "as of date" for the data at 15 days before the end of the month, quarter, or year, depending upon the frequency established in item 10; a "0 or blank" would place the "as of" date at the end of each month, quarter, etc.
- 12. **Date of First Submission.** Due date for initial data submission. This is normally the postage date or date the data is delivered to the Contracting Officer or keyed to a specific event or milestone, using a code from Table 2.

Table 2. Data Submission Codes			
Code	Definition	Code	Definition
ASGEN	As generated	ASREQ	As required
DFDEL	Deferred delivery	"N"DAC	Days after contract award
"N"DACM	Days after contract modification	"N"DARP	Days after reporting period
"N"DARC	Days after receipt of comments	"N"DTC	Days after test completion
NLT	No later than	EOC	End of contract
EOM	End of month	EOQ	End of quarter
See item #14	Use to indicate requirement is described in item 14. Used in lieu of other codes where such are inadequate to define requirement or used in addition to other codes when amplification is included in item 14.		

The "N" is assigned a value indicating the number of days, e.g., 30 DAC

- 13. **Date of Subsequent Submission.** Due date(s) for subsequent data submission(s), if data is to be submitted more than once. If submittal is constrained by a specific event or milestone, the constraint will be given using a code from Table 2.
- 14. **Remarks.** Contains all pertinent information not specified elsewhere and any amplification of other items on this format (e.g., DID tailoring, approval criteria and authority, inspection and acceptance clarification, distributions statements, specific submission instructions, explanation of reproducible copy and delivery requirements, alternative medium for delivery of the data item, etc.)
- 15. **Distribution.** Addressees and the number of draft and final copies (regular or reproducible) to be provided to each. FAA facility designator and/or office symbols/codes may be used; however, an explanation of these will be provided in the Addressee Listing. When reproducible copies (e.g., magnetic diskettes/tape, vellum, negative, etc.) are required, an explanation will be provided in item 14. If deferred delivery is required, amplification will be given in item 14.
- 16. **Total.** Total number of draft and final (regular/reproducible) copies required.
- 17. **Price Group.** Not used.
- 18. **Estimated Total Price.** Not used.

CONTRACT DATA REQUIREMENTS LIST (CDRL)

X013		TDP <input type="checkbox"/>		TM <input type="checkbox"/>		Other <input type="checkbox"/>		
D. System/Item		E. Contract/PR No.		F. Contractor				
CDRL 002		Malfunction Incident Report						
4. Authority PWS		5. Contact Reference C.1.7.2		6. Requiring Office TBD				
7. DD 250 Req'd N/A	8. APP Code LT	9. Distribution Statement Required		10. Frequency See Block 14	11. As of Date (AOD)			
12. Date of First Submission See Block 14	13. Date of Subsequent Submission As Required		15. Distribution					
14. REMARKS: BLOCKS 10, 11, 12: Submit within 2 workdays after completion of each service call. May be submitted by email. Contractor format is acceptable as long as the information in PWS paragraph 7.2 is provided.			a. Addressee		b. Draft Copies		c. Final Copies Reg. Copies Repro	
			Ordering Officer				1	
			16. Total					
17. Price Group				18. Estimated Total Price				

CONTRACT DATA REQUIREMENTS LIST (CDRL)

X013		TDP <input type="checkbox"/> TM <input type="checkbox"/> Other <input type="checkbox"/>
D. System/Item	E. Contract/PR No.	F. Contractor

CDRL 003	Malfunction Report	
4. Authority PWS	5. Contact Reference C.1.7.3	6. Requiring Office TBD
7. DD 250 Req'd N/A	8. APP Code A	9. Distribution Statement Required
		10. Frequency Monthly
		11. As of Date (AOD)

12. Date of First Submission See Block 14	13. Date of Subsequent Submission Monthly	15. Distribution
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14. REMARKS: BLOCKS 12: Submit due NLT 5 workdays after end of month. Contractor format is acceptable as long as the information in PWS paragraph 7.3 is provided.	a. Addressee	b. Draft Copies	c. Final Copies Reg.	Copies Repro
	COTR		1	
	16. Total		1	

17. Price Group	18. Estimated Total Price
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INSTRUCTIONS FOR COMPLETING FAA Template No. 59 (6/98)

- A. **Contract Line Item No.** Contract Line Item Number (CLIN) associated with this Contract Data Requirements List (CDRL).
- B. **Exhibit.** Exhibit identifier for this CDRL item.
- C. **Category.** TDP, TM, or Other.
- D. **System/Item.** System, item, project designator or name, or title of services being acquired that the data will support.
- E. **Contract/PR No.** Procurement Instrument Identification Number (PIIN) (i.e., the contract number, the Purchase Request (PR) number, the screening Information Request (SIR) number, or other appropriate designator).
- F. **Contractor.** Contractor's name.
- G. **Prepared by.** Preparer's organization responsible for preparing the CDRL.
- H. **Date.** Date the form was prepared.
- I. **Approved by.** Office responsible for approving the CDRL. The approving official's signature appears on the last page of exhibit.
- J. **Date.** The date the CDRL was approved.

- 1. **Data Item No.** The 4-character Exhibit Line Item Number (ELIN). The first position consists of the exhibit identifier and the remaining positions are assigned sequentially.
- 2. **Title of Data Item.** The title of the Data Item Description (DID) cited in item 4.
- 3. **Subtitle.** Further identification of the data item to supplement the title, if required.
- 4. **Authority (Data Acquisition Document No.)** DID identification number where detailed preparation instructions are provided.
- 5. **Contract Reference.** The specific paragraph number of the applicable contractual document that contains the tasking that generates a requirement for the data item. Normally, this will be a Statement of Work (SOW) paragraph.
- 6. **Requiring Office.** The technical office having responsibility for ensuring the technical adequacy of the data.
- 7. **DD 250 Required.**
- 8. **APP Code.** Identification, by entry of an "A," of a requirement for advance written approval prior to final distribution of an item of data. An "A" in this item indicates that one or more draft submittals are required. Item 14 will show length of turn-around time for the contractor to resubmit the data after Government approval/disapproval has been issued.
- 9. **Distribution Statement Required.**
- 10. **Frequency.** The frequency of data submittal. Entries in this item are explained in Table 1. If the data is of a recurring type, it is to be submitted at the end of the reporting period established in this item unless otherwise indicated in item 14.

Table 1. Data Submittal Frequency Codes

CODE	FREQUENCY	CODE	FREQUENCY
ANPLY	Annually	ASGEN	As generated
ASREQ	As required	BI-MO	Every two months
BI-WE	Every two weeks	CP/RQ	Change pages as required
DAILY	Daily	DFDEL	Deferred delivery
MTHLY	Monthly	ONE/R	One time with revisions
OTIME	One time (does not include draft submissions)	QRTLY	Quarterly
R/ASR	Revisions as required	SEMIA	Every six months
WEKLY	Weekly	"N"TIME	Multiple separate submittals (2time, 3time, etc.)
See Item #14	Requirement is described in item #14. Used in lieu of other codes where such are inadequate to define requirement, or used in addition to other codes requiring amplification in item #14.		

- 11. **As of Date.** Date for cutting off collection of the data. If the data is to be submitted multiple times, a numeral will be entered to indicate the number of calendar days prior to the end of the reporting period, established in item 10, that data collection will be cut off. For example, "15" would place the "as of date" for the data at 15 days before the end of the month, quarter, or year, depending upon the frequency established in item 10; a "0 or blank" would place the "as of" date at the end of each month, quarter, etc.
- 12. **Date of First Submission.** Due date for initial data submission. This is normally the postage date or date the data is delivered to the Contracting Officer or keyed to a specific event or milestone, using a code from Table 2.

Table 2. Data Submission Codes

Code	Definition	Code	Definition
ASGEN	As generated	ASREQ	As required
DFDEL	Deferred delivery	"N"DAC	Days after contract award
"N"DACM	Days after contract modification	"N"DARP	Days after reporting period
"N"DARC	Days after receipt of comments	"N"DTC	Days after test completion
NLT	No later than	EOC	End of contract
EOM	End of month	EOQ	End of quarter
See item #14	Use to indicate requirement is described in item 14. Used in lieu of other codes where such are inadequate to define requirement or used in addition to other codes when amplification is included in item 14.		

The "N" is assigned a value indicating the number of days, e.g., 30 DAC

- 13. **Date of Subsequent Submission.** Due date(s) for subsequent data submission(s), if data is to be submitted more than once. If submittal is constrained by a specific event or milestone, the constraint will be given using a code from Table 2.
- 14. **Remarks.** Contains all pertinent information not specified elsewhere and any amplification of other items on this format (e.g., DID tailoring, approval criteria and authority, inspection and acceptance clarification, distributions statements, specific submission instructions, explanation of reproducible copy and delivery requirements, alternative medium for delivery of the data item, etc.)
- 15. **Distribution.** Addressees and the number of draft and final copies (regular or reproducible) to be provided to each. FAA facility designator and/or office symbols/codes may be used; however, an explanation of these will be provided in the Addressee Listing. When reproducible copies (e.g., magnetic diskettes/tape, vellum, negative, etc.) are required, an explanation will be provided in item 14. If deferred delivery is required, amplification will be given in item 14.
- 16. **Total.** Total number of draft and final (regular/reproducible) copies required.
- 17. **Price Group.** Not used.
- 18. **Estimated Total Price.** Not used.

CONTRACT DATA REQUIREMENTS LIST (CDRL)

X013		TDP <input type="checkbox"/>	TM <input type="checkbox"/>	Other <input type="checkbox"/>
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D. System/Item	E. Contract/PR No.	F. Contractor
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CDRL 004	Equipment Location List	
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4. Authority PWS	5. Contact Reference /C.1.7.5	6. Requiring Office TBD
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7. DD 250 Req'd N/A	8. APP Code LT	9. Distribution Statement Required	10. Frequency Monthly	11. As of Date (AOD)
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12. Date of First Submission See Block 14	13. Date of Subsequent Submission Monthly	15. Distribution
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14. REMARKS: BLOCK 12: Submit NLT 5 workdays after end of the month. Contractor format is acceptable as long as the following information is provided: Equipment Type FAA Bar Code Number Serial Number	a. Addressee	b. Draft Copies	c. Final Copies Reg.	Repro
	COTR		1	
	16. Total			

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17. Price Group	18. Estimated Total Price
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INSTRUCTIONS FOR COMPLETING FAA Template No. 59 (6/98)

- A. **Contract Line Item No.** Contract Line Item Number (CLIN) associated with this Contract Data Requirements List (CDRL).
- B. **Exhibit.** Exhibit identifier for this CDRL item.
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- D. **System/Item.** System, item, project designator or name, or title of services being acquired that the data will support.
- E. **Contract/PR No.** Procurement Instrument Identification Number (PIIN) (i.e., the contract number, the Purchase Request (PR) number, the screening Information Request (SIR) number, or other appropriate designator.
- F. **Contractor.** Contractor's name.
- G. **Prepared by.** Preparer's organization responsible for preparing the CDRL.
- H. **Date.** Date the form was prepared.
- I. **Approved by.** Office responsible for approving the CDRL. The approving official's signature appears on the last page of exhibit.
- J. **Date.** The date the CDRL was approved.

- 1. **Data Item No.** The 4-character Exhibit Line Item Number (ELIN). The first position consists of the exhibit identifier and the remaining positions are assigned sequentially.
- 2. **Title of Data Item.** The title of the Data Item Description (DID) cited in item 4.
- 3. **Subtitle.** Further identification of the data item to supplement the title, if required.
- 4. **Authority (Data Acquisition Document No.)** DID identification number where detailed preparation instructions are provided.
- 5. **Contract Reference.** The specific paragraph number of the applicable contractual document that contains the tasking that generates a requirement for the data item. Normally, this will be a Statement of Work (SOW) paragraph.
- 6. **Requiring Office.** The technical office having responsibility for ensuring the technical adequacy of the data.
- 7. **DD 250 Required.**
- 8. **APP Code.** Identification, by entry of an "A," of a requirement for advance written approval prior to final distribution of an item of data. An "A" in this item indicates that one or more draft submittals are required. Item 14 will show length of turn-around time for the contractor to resubmit the data after Government approval/disapproval has been issued.
- 9. **Distribution Statement Required.**
- 10. **Frequency.** The frequency of data submittal. Entries in this item are explained in Table 1. If the data is of a recurring type, it is to be submitted at the end of the reporting period established in this item unless otherwise indicated in item 14.

Table 1. Data Submittal Frequency Codes			
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WEKLY	Weekly	"N"TIME	Multiple separate submittals (2time, 3time, etc.)
See Item #14	Requirement is described in item #14. Used in lieu of other codes where such are inadequate to define requirement, or used in addition to other codes requiring amplification in item #14.		

- 11. **As of Date.** Date for cutting off collection of the data. If the data is to be submitted multiple times, a numeral will be entered to indicate the number of calendar days prior to the end of the reporting period, established in item 10, that data collection will be cut off. For example, "15" would place the "as of date" for the data at 15 days before the end of the month, quarter, or year, depending upon the frequency established in item 10; a "0 or blank" would place the "as of" date at the end of each month, quarter, etc.
- 12. **Date of First Submission.** Due date for initial data submission. This is normally the postage date or date the data is delivered to the Contracting Officer or keyed to a specific event or milestone, using a code from Table 2.

Table 2. Data Submission Codes			
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"N"DACM	Days after contract modification	"N"DARP	Days after reporting period
"N"DARC	Days after receipt of comments	"N"DTC	Days after test completion
NLT	No later than	EOC	End of contract
EOM	End of month	EOQ	End of quarter
See item #14	Use to indicate requirement is described in item 14. Used in lieu of other codes where such are inadequate to define requirement or used in addition to other codes when amplification is included in item 14.		
<i>The "N" is assigned a value indicating the number of days, e.g., 30 DAC</i>			

- 13. **Date of Subsequent Submission.** Due date(s) for subsequent data submission(s), if data is to be submitted more than once. If submittal is constrained by a specific event or milestone, the constraint will be given using a code from Table 2.
- 14. **Remarks.** Contains all pertinent information not specified elsewhere and any amplification of other items on this format (e.g., DID tailoring, approval criteria and authority, inspection and acceptance clarification, distributions statements, specific submission instructions, explanation of reproducible copy and delivery requirements, alternative medium for delivery of the data item, etc.)
- 15. **Distribution.** Addressees and the number of draft and final copies (regular or reproducible) to be provided to each. FAA facility designator and/or office symbols/codes may be used; however, an explanation of these will be provided in the Addressee Listing. When reproducible copies (e.g., magnetic diskettes/tape, vellum, negative, etc.) are required, an explanation will be provided in item 14. If deferred delivery is required, amplification will be given in item 14.
- 16. **Total.** Total number of draft and final (regular/reproducible) copies required.
- 17. **Price Group.** Not used.
- 18. **Estimated Total Price.** Not used.

TECHNICAL EXHIBIT 1
HARDWARE TO BE MAINTAINED

<u>TYPE</u>	<u>QUANTITY</u>
1. Indigo2 Impact 10000 Workstations/fileservers (Includes 2GB system disk, 1 (1GB) additional disk, and a floptical disk drive)	194
2. External Hard drives	24
3. External Floppy Drives	4
4. Parity Tape, CDROM, HD Subsystem	22
5. Origin-200 Raid System	1
Origin 200 Challenge Raid	1
6. 4 GB/8BGB SE F/N SCSI Int. 4mm DDS2 Tape Drive	13
4mm DAT Tap Drives	
DDS3/12GB SCSI Internal	4
DDS1/2GB SCSI Internal	2
DDS1/2GB SCSI External	7

TECHNICAL EXHIBIT 2
SOFTWARE TO BE MAINTAINED

TYPE	QUANTITY
1. Applix Version 4.3 (807.65.0.24)	
Applix Base	21
Applix SPS	21
Applix Data	21
Applix Wfilter	9
Applix Gfilter	9
2. Sybase	
Sybase Direct CONNECT	1
Sybase Replication Server	14
Sybase Server/Client (Upgrade in 1 yr.)	
3. SGI IRIX 6.2	
SGI Licenses	194
Clearcase (CaseVision) version 4.2	10
Workshop Version 2.9.1	
Compilers/dev options Version 7.3	
Networker Version 4.2.5-B	
Base with 10 client support	20
25 client add on support	2
5 client add on support	8
Tool.H++	
STL	
4. Other	
RogueWave	
Netscape Version 4.04 (Public and Free)	194
Z.mail Version 4.0.1	194
Synchronize (current 1.3)	Servers 23
Upgrade to 2.0.7	Users 194
5. Autometric Software to include	
Edge Developers Tool kit	
Sybase Spatial Query Server	
Sybase Server/Client	
(Requires Technical Support Services as defined in 5.5)	

All software is maintained at AMI-200c and is RDIST to each of the remote sites.

TECHNICAL EXHIBIT 3
LOCATION AND QUANTITIES OF EQUIPMENT TO BE MAINTAINED

<u>LOCATION/TYPE</u>	<u>QUANTITY</u>
A. Mike Monroney Aeronautical Center {MMAC} 6500 S. MacArthur Oklahoma City, OK 73125	
1. Air navigation Facility, Bldg 5, AVN-160C Contact: Ron Witt 405-954-5885 Workstations	127
External Hard drives	8
Origin RAID	1
2. Multipurpose Bldg, AMI-200c Contact: Kathy Snodgrass 405-954-4977 Workstations	16
External Hard Drives	8
Parity Box several	4
3. Multipurpose Bldg, RM 338&353 Contact: Don Jones 405-954-2603 Workstations	13
Parity Box	1
4. Registry Building, AFS-420 Contact: Gerry McAtor 405-954-6750 Workstations	1
External Drives	1

TECHNICAL EXHIBIT 3
LOCATION AND QUANTITIES OF EQUIPMENT TO BE MAINTAINED

B. REGIONS

<u>LOCATION/TYPE</u>	<u>QUANTITY</u>
1. New England BOS FPO	
12 New England Executive Park	
Burlington, Mass. 01803	
Contact: george Yardley 781-238-7218	
Workstations	3
External Drives	1
2. Eastern NYC FPO	
1 Cross Island Plaza, Room 115	
Rosedell, NY 11422-1484	
Contact: jerry Leber 718-977-6526	
Workstations	3
External Drives	1
3. Southern ATL FPO	
1701 Columbia Ave.	
College Park, Georgia 30337	
Contact: Gary Raymond 404-305-6039	
Workstations	6
External Drives	1
4. Great Lakes CHI FPO	
O'Hare Lake Office Center	
2300 East Devon Ave.	
Des Plains, Illinois 60016	
Contact: Walt Maxim 847-294-7141	
Workstations	3
Parity Box	1
5. Central NKC FPO	
601 East 12th Street	
Federal Building	
Kansas City, Missouri 64106	
Contact: Chuck Hawkins 816-329-3691	
Workstations	2
External Drives	1
6. South West FTW FPO	
2601 Meacham Blvd.	
Fort Worth, Texas 78137-4298	
Contact: Walt Stokes 817-222-4132	
Workstations	5
Parity Box	1

TECHNICAL EXHIBIT 3
LOCATION AND QUANTITIES OF EQUIPMENT TO BE MAINTAINED

<u>LOCATION/TYPE</u>	<u>QUANTITY</u>
7. Alaska ANC FPO 222 West 7th Avenue #14 Anchorage, Alaska 99513 Contact: Dennis Stoner 907-271-4172 Workstations	3
Parity Box	1
8. North West Mountain SEA FPO 1601 Lind Avenue, SW Renton, Washington 98055 Contact: David Eckles 206-227-2222 Workstations	5
Parity Box	1
9. Western Pacific LAX FPO 15000 Aviation Boulevard Hawthorne, California 90261 Contact: Bob McCullar 310-725-7125 Workstations	4
External Drives	1
C. OTHER SITES	
1. FAA Headquarters National Flight Data Center (NFDC) ATA-100 Room 626 800 Independence Ave. S.W. Washington D.C. 20591 Contact: Dick Powell/Roger Dean 202-267-790 Workstations	1
Parity Box	1
2. Flight Standards AFS-420, Rm 835 800 Independence Ave. S.W. Washington D.C. 20591 Contact: Lynn Boniface 202-267-8277 Workstations	1

3. National Ocean Service (NOS) Aeronautical Charting
Division

1505 East-West Highway Room 4531

SSMC4, mail code N/CG3151

Silver Spring, Maryland 20910-3281

Contact: Robert Niedermair 301-713-2911

Workstations

1

Parity Box

1

Technical Exhibit 4. 6 pages	Serial # of SGI CPU		System Location
	08 00 69 0b 25 02		MMAC, MPB-267
	08 00 69 0b 2b e8		MMAC, MPB-267
	08 00 69 0a 2f 9e		MMAC, MPB-267
	08 00 69 0b 2b cf		MMAC, MPB-267
	08 00 69 0b 2d 12		MMAC, MPB-267
	08 00 69 0a 2f 84		MMAC, MPB-267
	08 00 69 0a 2f 9f		MMAC, MPB-267
	08 00 69 0b 2c 89		MMAC, MPB-267
	08 00 69 0b 2b ea		MMAC, MPB-267
	08 00 69 0b 27 11		MMAC, MPB-267
	08 00 69 0b 2c 82		MMAC, MPB-267
	08 00 69 0b 2c a8		MMAC, MPB-267
	08 00 69 0b 2c bd		MMAC, MPB-267
	08 00 69 0a 2e f4		MMAC, MPB-267
	08 00 69 0b 2c 98		MMAC, MPB-267
	08 00 69 0a 2e ea		MMAC, MPB-DMZ
	08 00 69 0b 24 91		MMAC, AVN-160C
	08 00 69 0a 2f 7b		MMAC, AVN-160C
	08 00 69 0a af 08		MMAC, AVN-160C
	08 00 69 0b 25 3a		MMAC, AVN-160C
	08 00 69 0b 2c 91		MMAC, AVN-160C
	08 00 69 0a 2f 91		MMAC, AVN-160C
	08 00 69 0a 2e e8		MMAC, AVN-160C
	08 00 69 0b 2c 9e		MMAC, AVN-160C
	08 00 69 0b 2b cf		MMAC, AVN-160C
	08 00 69 0b 2b cd		MMAC, AVN-160C
	08 00 69 0b 24 9c		MMAC, AVN-160C
	08 00 69 0a 9c e0		MMAC, ANF-1, 115E
	08 00 69 0b 2b 91		MMAC, RB-104
	08 00 69 0a 2f 7f		MMAC, MPB-353
	08 00 69 0a 2f 88		MMAC, MPB-353
	08 00 69 0b 25 3b		MMAC, MPB-353
	08 00 69 0a 2f 93		MMAC, MPB-353
	08 00 69 0b 27 59		MMAC, MPB-353
	08 00 69 0b 25 3e		MMAC, MPB-353
	08 00 69 0a 2e ef		MMAC, MPB-353
	08 00 69 0a 2e e3		MMAC, MPB-353
	08 00 69 0a 2f 87		MMAC, MPB-353
	08 00 69 0b 2c df		MMAC, MPB-338

Technical Exhibit 4. 6 pages	Serial # of SGI CPU		System Location	
	08 00 69 0a 62 99		MMAC, MPB-338	
	08 00 69 09 77 9b		MMAC, MPB-338	
	08 00 69 0b 77 99		MMAC, MPB-338	
	08 00 69 0a 2e ff		MMAC, ANF-1	
	08 00 69 0a 2f 92		MMAC, ANF-1	
	08 00 69 0b 77 6d		MMAC, ANF-1	
	08 00 69 0a 2e f5		MMAC, ANF-1	
	08 00 69 0a 2e e9		MMAC, ANF-1	
	08-00-69-09-8a-ee		MMAC, ANF-1, 115E	
	08-00-69-0b-75-ag		MMAC, ANF-1, 115E	
	08 00 69 0b 2c 88		MMAC, ANF-1	
	08 00 69 0a 2f 81		MMAC, ANF-1	
	08 00 69 0a 2f 95		MMAC, ANF-1	
	08 00 69 0a b3 d2		MMAC, ANF-1	
	08 00 69 0b 27 a2		MMAC, ANF-1	
	08 00 69 0b 26 f4		MMAC, ANF-1	
	08 00 69 0b 26 a3		MMAC, ANF-1	
	08 00 69 0b 2c d9		MMAC, ANF-1	
	08 00 69 0b 27 07		MMAC, ANF-1	
	08 00 69 0a 2f 86		MMAC, ANF-1	
	08 00 69 0a b3 c9		MMAC, ANF-1	
	08 00 69 09 88 53		MMAC, ANF-1	
	08 00 69 0a 2f 8a		MMAC, ANF-1	
	08 00 69 0a 2f 8f		MMAC, ANF-1	
	08 00 69 0b 24 b8		MMAC, ANF-1	
	08 00 69 0a 2f c0		MMAC, ANF-1	
	08 00 69 0b 77 f7		MMAC, ANF-1	
	08 00 69 0a 2f 85		MMAC, ANF-1	
	08 00 69 0a 2e fe		MMAC, ANF-1	
	08 00 69 0b 2d e4		MMAC, ANF-1	
	08 00 69 0b 2b 93		MMAC, ANF-1	
	08 00 69 0b 2d db		MMAC, ANF-1	
	08 00 69 0a 2f 96		MMAC, ANF-1	
	08 00 69 0b 26 5f		MMAC, ANF-1	
	08 00 69 0b 25 ae		MMAC, ANF-1	
	08 00 69 0a 2e e4		MMAC, ANF-1	
	08 00 69 0a 2e f6		MMAC, ANF-1	
	08 00 69 0b 27 8d		MMAC, ANF-1	
	08 00 69 0b 2c a6		MMAC, ANF-1	

Technical Exhibit 4. 6 pages	Serial # of SGI CPU		System Location	
	08 00 69 0b 2b 98		MMAC, ANF-1	
	08 00 69 0a 2e eb		MMAC, ANF-1	
	08 00 69 0b 25 38		MMAC, ANF-1	
	08 00 69 0b 27 f5		MMAC, ANF-1	
	08 00 69 0b 25 52		MMAC, ANF-1, 115E	
	08 00 69 0b 27 74		MMAC, ANF-1	
	08 00 69 0b 2c e2		MMAC, ANF-1	
	08 00 69 0b 27 84		MMAC, ANF-1	
	08 00 69 0b 27 7d		MMAC, ANF-1	
	08 00 69 0b 25 53		MMAC, ANF-1	
	08 00 69 0b 27 aa		MMAC, ANF-1	
	08 00 69 0b 2c dc		MMAC, ANF-1	
	08 00 69 0b 25 39		MMAC, ANF-1	
	08 00 69 0a 3a 94		MMAC, ANF-1	
	08 00 69 0b 27 79		MMAC, ANF-1	
	08 00 69 0a 2f 7d		MMAC, ANF-1	
	08 00 69 0b 27 6f		MMAC, ANF-1	
	08 00 69 0b 25 65		MMAC, ANF-1	
	08 00 69 0a 2f 89		MMAC, ANF-1	
	08 00 69 0a 2e ec		MMAC, ANF-1	
	08 00 69 0b 25 4c		MMAC, ANF-1	
	08 00 69 0b 27 43		MMAC, ANF-1	
	08 00 69 0a 2f 9d		MMAC, ANF-1	
	08 00 69 0b 26 c5		MMAC, ANF-1	
	08 00 69 0a 2e fa		MMAC, ANF-1	
	08 00 69 0b 2c c3		MMAC, ANF-1	
	08 00 69 0a a4 11		MMAC, ANF-1	
	08 00 69 0a 95 c3		MMAC, ANF-1	
	08 00 69 0b 2b d5		MMAC, ANF-1	
	08 00 69 0a 2e e5		MMAC, ANF-1	
	08 00 69 0b 25 4d		MMAC, ANF-1	
	08 00 69 0b 2c d3		MMAC, ANF-1	
	08 00 69 0b 2c 87		MMAC, ANF-1	
	08 00 69 0b 26 f8		MMAC, ANF-1	
	08 00 69 0b 27 7e		MMAC, ANF-1	
	08 00 69 0b 27 55		MMAC, ANF-1	
	08 00 69 0b 25 40		MMAC, ANF-1	
	08 00 69 0b 25 31		MMAC, ANF-1	
	08 00 69 0b 27 c3		MMAC, ANF-1	

Technical Exhibit 4. 6 pages	Serial # of SGI CPU	System Location
	08 00 69 0a 2e f1	MMAC, ANF-1
	08 00 69 0b 26 b6	MMAC, ANF-1
	08 00 69 0b 28 13	MMAC, ANF-1
	08 00 69 0b 25 b0	MMAC, ANF-1
	08 00 69 0b 2c 9b	MMAC, ANF-1
	08 00 69 09 8a d2	MMAC, ANF-1
	08 00 69 0b 25 d6	MMAC, ANF-1
	08 00 69 0b 27 08	MMAC, ANF-1
	08 00 69 0a 2f 80	MMAC, ANF-1
	08 00 69 0b ad 82	MMAC, ANF-1
	08 00 69 0a 2e fc	MMAC, ANF-1
	08 00 69 0a 9d d1	MMAC, ANF-1
	08 00 69 0b 25 34	MMAC, ANF-1
	08 00 69 0a 2f a0	MMAC, ANF-1
	08 00 69 0b 25 2d	MMAC, ANF-1
	08 00 69 09 da 7a	MMAC, ANF-1
	08 00 69 0a 2e f9	MMAC, ANF-1
	08 00 69 0a 2e ee	MMAC, ANF-1
	08 00 69 0b 26 f6	MMAC, ANF-1
	08 00 69 0b 12 bc	MMAC, ANF-1
	08 00 69 0a 2f 83	MMAC, ANF-1
	08 00 69 09 88 07	MMAC, ANF-1
	08 00 69 0a 2f 97	MMAC, ANF-1
	08 00 69 0a 2f 7c	MMAC, ANF-1
	08 00 69 0b 2f 5b	MMAC, ANF-1
	08 00 69 0b 27 81	MMAC, ANF-1
	08 00 69 0a 2f 94	MMAC, ANF-1
	08 00 69 0b 27 7c	MMAC, ANF-1
	08 00 69 0a 2f 9b	MMAC, ANF-1
	08 00 69 0a 2f 82	MMAC, ANF-1
	08 00 69 0a 2f 90	MMAC, ANF-1
	08 00 69 0b 25 33	MMAC, ANF-1
	08 00 69 0b 25 50	MMAC, ANF-1
	08 00 69 0a 6d 4b	MMAC, ANF-1
	08 00 69 0a 94 49	MMAC, ANF-1
	08 00 69 0b 27 c4	MMAC, ANF-1
	08 00 69 0b 25 66	MMAC, ANF-1
	08 00 69 0b 25 51	MMAC, ANF-1
	08 00 69 0b 25 36	MMAC, ANF-1

Technical Exhibit 4. 6 pages	Serial # of SGI CPU		System Location
	08 00 69 0b 77 66		MMAC, ANF-1, 115E
	08 00 69 05 14 c7		MMAC, ANF-1, 115E
	08 00 69 05 15 04		MMAC, ANF-1, 115E
	08 00 69 0a 2e ed		FAA HQ, AFS-420
	08 00 69 0a 2e e7		FAA HQ, ATA-110
	08 00 69 0b 25 b4		ASW
	08 00 69 0b 27 db		ASW
	08 00 69 0b 27 5b		ASW
	08 00 69 0b 2c 9a		ASW
	08 00 69 0b 2a d8		ASW
	08 00 69 0a 2e fb		ANE
	08 00 69 0b 25 67		ANE
	08 00 69 0b 27 50		ANE
	08 00 69 0b 27 12		ASO
	08 00 69 0b 27 82		ASO
	08 00 69 0b 27 b9		ASO
	08 00 69 0b 2c a4		ASO
	08 00 69 0b 25 3d		ASO
	08 00 69 0b 25 37		ASO
	08 00 69 0b 25 3f		ANM
	08 00 69 0b 2c cb		ANM
	08 00 69 0b 2b d7		ANM
	08 00 69 0b 2b d0		ANM
	08 00 69 0b 2c 15		ANM
	08 00 69 0b 2c 29		AWP
	08 00 69 0b 27 f6		AWP
	08 00 69 0b 27 c2		AWP
	08 00 69 0b 27 5c		AWP
	08 00 69 0a 2e f0		ACE
	08 00 69 0b 25 35		ACE
	08 00 69 0b 25 4f		AEA
	08 00 69 0a 2e f2		AEA
	08 00 69 0b 26 41		AEA
	08 00 69 0b 2c c7		AAL
	08 00 69 0a 2e fd		AAL
	08 00 69 0b 27 67		AAL
	08 00 69 0b 27 8b		AGL
	08 00 69 0b 2c ca		AGL
	08 00 69 0b 2b ce		AGL

Reference Address In Technical Exhibit 3

MMAC = Mike Monroney Aeronautical Center
FAA HQ = FAA Headquarters
ASW = Southwest FTW FPO
ANE = New England BOS FPO
ASO = Southern ATL FPO
ANM = Northwest Mountain SEA FPO
AWP = Western Pacific LAX FPO
ACE = Central NKC FPO
AEA = Eastern NYC FPO
AAL = Alaska ANC FPO
AGL = Great Lakes CHI FPO

Corrections to Technical Exhibit 4.

Page 1 of 6, Line 25 serial number should be 08-00-69-0b-2c-97.

Serial Numbers 08-00-69-05-14-c7, and 08-00-69-05-15-04 are actually the Origin 200's, attached below are the hinv for the two machines.

Serial number 08-00-69-0a-62-99 is correct the hinv below.

Remainder of page is blank

borg 3# sysinfo

System ID:

69 0a 62 99 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

borg 4# hinv

Iris Audio Processor: version A2 revision 1.1.0

1 175 MHZ IP28 Processor

CPU: MIPS R10000 Processor Chip Revision: 2.5

FPU: MIPS R10010 Floating Point Chip Revision: 0.0

On-board serial ports: 2

On-board bi-directional parallel port

Data Cache Size: 32 Kbytes

Secondary unified instruction/data cache size: 1 Mbyte

Main memory size: 256 Mbytes

EISA bus: adapter 0

Integral Ethernet: ecO, version 1

Integral SCSI controller 1: Version WE33C93B, revision D

Integral SCSI controller 0: Version WE33C93B, revision D

Disk drive: unit 3 on SCSI controller 0

Disk Drive / removable media: unit 2 on SCSI controller 0: 720K/1.44 floppy

Disk Drive: unit 1 on SCSI controller 0

Graphics Board: Solid Impact

ORIGIN 200

alfalfa 1# sysinfo

System ID:

69 05 14 c7 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

alfalfa 2#hinv

FPU: MIPS R10010 Floating Point Chip Revision: 0.0

CPU: MIPS R10000 Processor Chip Revision: 2.6

1 180 MHZ IP27 Processor

Main memory size: 512 Mbytes

Instruction cache size: 32 Kbytes

Data cache size: 32 KBytes

Secondary unified instruction/data cache size: 1 Mbyte

Integral SCSI controller 0: version QL 1040B (rev.2), single ended

Tape drive: unit 4 on SCSI controller 0

CDROM: unit 6 on SCSI controller 1

Integral SCSI controller 2: Version QL1040B (rev.2) single ended

RAID controller: unit 3, on SCSI controller 2

RAID lun: unit 3, lun 2 on SCSI controller 2

RAID lun: unit 3, lun 3 on SCSI controller 2

Integral SCSI controller 3: Version QL1040B (rev.2) single ended

RAID controller: unit 2, on SCSI controller 3

RAID lun: unit 2, lun 0 on SCSI controller 3

RAID lun: unit 2, lun 1 on SCSI controller 3

IOC3 serial port: tty1

IOC3 serial port: tty2

IOC3 parallel port: plp1

Integral Fast Ethernet: ef0, version 1

Integral Fast Ethernet: ef1, version 1

Origin BASEIO board, module 1 slot 1

IOC3 external interrupts: 1

alfalfa 3#