NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO
ATTN OF: 1232

October 18, 1973

MEMORANDUM

TO: 1010/Director of Public Affairs

FROM: 1232/Reports & Property Accounting Section

SUBJECT: Total Accumulated Costs for Lewis Inspection

The revised total cumulative costs to date as of September 30, 1973, all fund sources against SJO No. X012533 for the Lewis Inspection are as follows:

	LABOR ($)	PURCHASES ($)	TOTAL ($)
Balance @ 6-30-73	105,695	10,710	116,405
Current Year Costs FY73		31,077	31,077
Current Year Costs FY74 Fund Source 11		18,243	18,243
Current Year Costs FY74	392,696	5,087	397,783
Total	498,391	65,117	563,508

George L. Barber

George L. Barber

cc:
1003/E. A. Richley
1200/A. J. Hess
1232/File

1232/MMarshall:jyb:10-18-73

Estimates for 1973 Inspection

	Manhours	
	Professional	Support
Administration	570	960
Invitations & Protocol	590	230
Publicity	420	120
Logistics	1380	3140
Technical Exhibits (10 Stops)	9680	16880
	12640	21330
	x $10	x $5
Subtotal (Prelim. to Inspection)	126400	106650
Inspection Days	3600	2400
	$10	$ 5
	36000	12000
Total	162400	118650
GRAND TOTAL	281K (Plus Materials, Models, etc.)	

~ 40 000 man hrs.

$\frac{40\,000}{3300} \Big| \frac{100}{2000} \cong$ 0.6 % of yr. effort

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO
ATTN OF: 1003

May 7, 1973

MEMORANDUM

TO: Distribution

FROM: Vice Chairman, 1973 Lewis Inspection

SUBJECT: Cost Information

The Center has been requested by NASA Headquarters to provide a cost estimate for the 1973 Lewis Inspection on or before May 15.

The purpose of this memorandum is to request from each of you an estimate of any expended or anticipated expenditures for materials, supplies and/or contracts and the like. Do not include any in-house labor estimates.

Please submit your itemized list to the writer no later than Friday, May 11.

Your help in this matter will be greatly appreciated. Please call me at PAX 3155 or 3254 if you have any questions regarding your estimates.

E. A. Richley

Edward A. Richley

Distribution:

E. W. Conrad
R. E. Jones
R. W. Luidens
H. Douglass
E. Otto
L. Rosenblum
J. Freche
R. L. Johnson
J. Modarelli
H. Mark
J. Powell
W. T. Olson
A. Wycoff
R. Godman
D. Prok
D. Thoennes
Inspection Files

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 1000

May 10, 1973

MEMORANDUM

TO: 1003/Chief, Office of Operations Analysis & Planning

FROM: 1000/Assistant to Deputy Director, Management

SUBJECT: Outside Costs Associated with the Inspection

Pursuant to your May 7, 1973 memorandum requesting a breakdown of anticipated outside costs associated with the Inspection, the following is a listing for my part of the business:

	a) IBM MTST rental	$2,690.00
	b) IBM MTST tapes	60.00
	c) IBM MTST carbon ribbons	45.00
	d) Pressure sensitive labels	32.00
1/	e) Reference books	258.00
2/	f) Address labels (4 sets)	1,180.00
	g) Reservation card formatting/printing	125.00
	h) Various envelopes/franking & card stock	350.00
	i) Miscellaneous supplies for office	100.00
	Total	$4,840.00

1/ Updating existing reference books in LeRC Library and should not be considered solely an Inspection expense.

2/ Estimated.

At this juncture I do not anticipate any substantial expenses over and above those I have outlined. Please call me if you have any questions.

Arthur R. Wycoff, Jr.

1003 May 11, 1973

MEMORANDUM

TO: General Chairman, 1973 Lewis Inspection

FROM: Vice Chairman, 1973 Lewis Inspection

SUBJECT: Inspection Cost Estimates

Per your request, we have developed the following cost estimate for the 1973 Lewis Inspection to be held September 19-21 (for invited guests) and September 22-23 (for the general public).

Direct Manpower Costs	Prof.	Support	Total
Administration	5,700	4,800	10,500
Invitations & Protocol	5,900	1,150	7,050
Publicity	4,200	600	4,800
Logistics	13,800	15,700	29,500
Technical Exhibits (10 Stops)	96,800	84,400	181,200
Inspection Days	36,000	12,000	48,000
			281,050
Materials, Supplies and Contracts			75,200
			356,250

Edward A. Richley

cc:
Inspection Files

OFFICIAL FILE COPY

CONCURRENCES

OFFICE CODE ▶								
INITIALS ▶								
DATE ▶								

NASA FORM 1267 OCT. 68 PREVIOUS EDITIONS MAY BE USED.

15-5

2610 May 11, 1973

MEMORANDUM

TO: Lewis Inspection Headquarters
Attn: 1003/E. A. Richley

FROM: 2610/Lubrication Branch

SUBJECT: Cost Information on Planned Impact of Wear Inspection Stop

The following is the itemized list of cost information of Stop 8 "Impact of Wear" requested:

1.	Scanning Electron Microscope Display	
	Materials for parts	$200.00
2.	Gallium Display	
	High purity gallium	$500.00
	Materials for parts	$200.00
3.	Friction Display	
	Materials - bearings, etc.	$500.00
	Special springs	$200.00
4.	Sputtering Display	
	Glass cylinder	$225.00
	Lucite shield	$100.00
5.	E.H.D. Display	
	High pressure lamp	$240.00
	Transparent disk	$300.00
	Materials	$200.00
	Optics	$300.00
6.	Hip Prosthesis Display	
	Parts - bearings, gears, etc.	$500.00
	Materials	$200.00
7.	Chart materials	$100.00
8.	Photo materials	$100.00

Dan Prok has informed us that costs of area preparation, stage and P.H. system will be made by Dan Thoennes, Technical Service Manager, and costs of other electronic equipment by Dan Meges.

Max A. Swikert

cc: 2600/A. Ginsburg, 2600/E. E. Bisson, 2610/R. L. Johnson
2610/M. A. Swikert, 7212/D. L. Thoennes, 7013/D. S. Prok

2610/MA[illegible]:5/11/73

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO
ATTN OF: 3300

May 17, 1973

MEMORANDUM

TO: 1003/Acting Chief, Office of Operations Analysis & Planning

FROM: 3300/Assistant Chief, Spacecraft Technology Division

SUBJECT: Supplement to Cost Estimation for Stop #5 of Lewis Inspection

The earlier estimate assumed that an in-house TV camera would be adequate. Further investigation has indicated operation problems. It is now planned to rent a camera for this inspection. The renting of a camera for three weeks will cost approximately $1200 ($400/week).

It is requested that $1200 be added to the estimate cost of station #5.

E. W. Otto

E. W. Otto

cc:
3300/Official Files
3321/E. B. Hurst
3320/SE Br. Files

7013 June 13, 1973

MEMORANDUM

TO: 2631/Cavour H. Hauser

FROM: 7013/Technical Services Coordination Office

SUBJECT: Visual Aid Equipment Requirements for 1973 Fall Inspection

The following is a list of visual aid equipment required for the 1973 Fall Inspection at Lewis Research Center:

Stop	Title	Equipment Required
1	Quieting the Fleet	1-3¼"x4" slide projector
2	Cleaner Skies	1-35 mm slide projector
3	Powered Lift	1-35 mm slide projector
4	Boost from Rockets	(option 1) 8-35 mm slide projectors 1-High intensity 16 mm movie projector (option 2) 2-35 mm slide projectors 1-High intensity 16 mm movie projector
5	Space Electronics Technology	None
6	Energy for a Better Life	1-3¼"x4" slide projector
7	Materials for Man	1-35 mm slide projector 1-16 mm movie projector
8	The Impact of Wear	1-35 mm slide projector 1-8 mm movie projector
9	Servants in Space	1-35 mm slide projector 1-16 mm movie projector 1-3¼"x4" slide projector
10	NASA Exhibit Area	4-35 mm slide projectors

This equipment should be availiable for rehearsals scheduled for the last week of August 1973.

Daniel S. Prok

cc:
1003/E. Richley
7212/D. Thoennes

7013/DSProk:sh:6-13-73

Concurrence:

JC

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 2530

May 11, 1973

MEMORANDUM

TO: 1003/Vice Chairman, 1973 Lewis Inspection

FROM: 2530/Stop 1 Organizer

SUBJECT: Cost Information

1. 5-1/2 inch fan inlet noise experiment	
a. Lexon shield, clamps, tubing, etc.	$200
b. T.V. closed circuit - on hand	-
2. Jet noise experiment	
a. 2600 psi air supply line	800
b. Pressure reduction station (95 percent from CURE)	30
c. Nozzles plumbing and nozzles	500
d. Velocity and thrust indicators	150
3. General	
a. Sound level meter - new face (meter loan from Instrument Stock)	30
b. Lights, wiring, and control	100
c. Sound system - wiring and control (speakers, amplifier, tape recorder, and microphones - loan from Instrument Stock)	70
d. Stage	
(1) Platforms and back drops (generally from storage)	150

	(2) Painting	100
	(3) Signs	150
	e. 10x10 Shop window covers (Black plastic sheet 0.006 thick)	30
	f. Sound absorbing back "drapes"	100
	g. Miscellaneous	400
4.	CTOL over-the-wing model (wood) (1/2 span - 6-foot model)	500
5.	All other models and displays on hand - stands, etc.	200
	Total Cost:	$3,510

E. William Conrad

E. William Conrad

cc:
W. Stewart
E. W. Conrad
R. Schmiedlin
B. Leonard
R. Antl
F. Dunn

Stop 2

11

1973 SHOW - COMBUSTOR RIG - PSL 3 & 4

COST ESTIMATE:

RIG WELDMENT & ASSOC INTERNAL PARTS	2500.00
WINDOW FLANGES	500.00
WINDOWS (6) NO "O" RING GROOVES	1800.00
" FINIAL FINISH	300.00
PLASTIC SHIELD	100.00
ELECTRICAL ITEMS	500.00
WATER & FUEL SYSTEM ITEMS	1000.00
CONTROL VALVES	900.00
MISC PIPING ITEMS	1000.00
SUB	8600.00
10%	900.00
	$9500.00

PIPING INSTALLATION (EST. if contracted) $3000.-

$12,500.00
- 5500
7000

Stop # 3

I. Wind Tunnel Model

Blower ----------	300		
Lumber, Plexiglas, -------- Paint etc	150		
Misc ----------	20		
	470	———	470

II. Airport Display

Electrical Timers --------	100		
Other Electrical ---------	50		
	150	———	150
			$620

Not included are additional displays, painting, wall construction etc.

Hydraulic cylinder	
Bearing	
Misc Hardware	
Instrumentation	900
	$1520

reusable

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 9500

May 11, 1973

MEMORANDUM

TO: 1003/Vice Chairman, 1973 Lewis Inspection

FROM: 9501/Chief, Offices for Administration and Design Criteria

SUBJECT: Cost Estimate for Launch Vehicles Inspection Stop

Our very preliminary estimate of the costs associated with the Launch Vehicles inspection stop is as follows:

Rental of draperies	$300
Rental of special projection equipment	300
Material for theater ceiling	150
Materials for special staging*	500
Purchase/freight/rental display items	850
TOTAL	$2100

*In addition to Botos' estimate of $2000/stage.

Bob

Robert C. Kohl

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO
ATTN OF: 3300

May 11, 1973

MEMORANDUM

TO: 1003/Acting Chief, Operations Analysis & Planning Office

FROM: 3300/Assistant Chief, Spacecraft Technology Division

SUBJECT: Cost Estimations for Stop #5 of Lewis Inspection

Following is a list of costs estimated for the subject stop:

1. Spacecraft mock-up outside contract - material and labor	=	$5000.00
2. Four mock-up antennas 300 each	=	1200.00
3. Stands and shelves	=	200.00
4. Alterations and additions to present platform and backdrop modules - paint, etc.	=	200.00
		$6600.00

This assumes the following items are available

- public address system
- lights
- stage platform and backdrop modules
- chart changer
- materials for charts

If stop is located in SPC, the following additional costs may be necessary:

1.	Cleaning and painting area	$12,000.00
2.	Rental cost for drapes shielding engine shop (optional)	300.00

E. W. Otto

E. W. Otto

cc:
3300/E. W. Otto

COSTS

F. Stenger - Stop # 6

Asked that we make a change on his Inspection Cost Estimate - increase total cost by $500.

"Shipping Charge" for a Windmill Rotor should be $700 rather than the $200 shown on his breakout.

Total Projected Cost Estimate for Stop #6: $3350.00

5/11/73

1973 LEWIS INSPECTION – STOP #6

"CLEANER ENERGY FOR A BETTER LIFE"

PRELIMINARY COST ESTIMATE
(AS OF 5-11-73)

TURBINE DISPLAYS:

SHIPPING CHARGES (TURBINE CAR, ENGINE, TURBOTRAIN MODEL)	$750
SHIPPING CHARGE, WINDMILL ROTOR	~~$200~~ $700

SOLAR POWER DISPLAYS:

SHIPPING CHARGES (WEATHER STATION TOWER)	$100
ANIMATED FLOW LOOP (SOLAR ABSORBER)	$600

ELECTROCHEMICAL DISPLAYS:

SHIPPING CHARGES (POSTAL TRUCK)	$200
PHYSICAL SCIENCE DIV. DISPLAYS (ANIMATED FLOW LOOP)	$600

FACILITY COSTS:

SHARE OF SOUND SYSTEM	$100
8 FT. PROJECTION SCREEN	$100
MISC. SPOTLIGHTS, ETC.	$200
TOTAL	~~$2850.00~~ $3350

F.J. STENGER
5-10-73

Stop 7

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 5500

May 11, 1973

MEMORANDUM

TO: 1003/Vice Chairman, 1973 Lewis Inspection

FROM: 5500/Assistant Chief, Materials and Structures Division

SUBJECT: Cost Estimate - 1973 Inspection

REF.: Memo dated May 7, 1973 from E. A. Richley

In response to the reference memo requesting a cost estimate for the 1973 Lewis Inspection, we expect the M&S share of the Exhibit Site #7 to be about $35,000. This does not include site preparation, staging, P.A. systems, seating and other general area requirements under the control of the Building Manager.

John C. Freche

cc:
5500/J. C. Freche
5500/F. B. Garrett

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 2610

May 11, 1973

MEMORANDUM

TO: Lewis Inspection Headquarters
Attn: 1003/E. A. Richley

FROM: 2610/Lubrication Branch

SUBJECT: Cost Information on Planned Impact of Wear Inspection Stop

The following is the itemized list of cost information of Stop 8 "Impact of Wear" requested:

1.	Scanning Electron Microscope Display	
	Materials for parts	$200.00
2.	Gallium Display	
	High purity gallium	$500.00
	Materials for parts	$200.00
3.	Friction Display	
	Materials - bearings, etc.	$500.00
	Special springs	$200.00
4.	Sputtering Display	
	Glass cylinder	$225.00
	Lucite shield	$100.00
5.	E.H.D. Display	
	High pressure lamp	$240.00
	Transparent disk	$300.00
	Materials	$200.00
	Optics	$300.00
6.	Hip Prosthesis Display	
	Parts - bearings, gears, etc.	$500.00
	Materials	$200.00
7.	Chart materials	$100.00
8.	Photo materials	$100.00

Dan Prok has informed us that costs of area preparation, stage and P.H. system will be made by Dan Thoennes, Technical Service Manager, and costs of other electronic equipment by Dan Meges.

Max A. Swikert

Max A. Swikert

cc: 2600/A. Ginsburg, 2600/E. E. Bisson, 2610/R. L. Johnson
2610/M. A. Swikert, 7212/D. L. Thoennes, 7013/D. S. Prok

STOP 9

Telecon

To: Inspection Office

From: Herman Mark via secretary (Carol/5268)

Subject: Inspection Costs

Skylab - $1,500

ERTS - $1,500

$1,500 (In-house - Puchas of Optical Equipment)

$$4,500 Total

COST ESTIMATE

HANGAR - STOP 10

Signs (Identification and Traffic Control)	$ 1,500
Sanitary Facilities	500
Models (Wood & Metal)	1,000
Drapes - Rental	500
Shipping expenses (assuming other labs pay for their exhibits)	7,500
Set-up Contractor in Hangar	3,200
Displays (Animated-Polarized)	1,500
Special Fabrication - Apollo parachute rings, etc.	5,000
Sound Equipment - rental and purchase	2,000
Electric wire, etc.	1,000
	$23,700
	-7500
	16200

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 7111

May 11, 1973

MEMORANDUM

TO: 1900/Chief, Management Services Division

FROM: 7111/E. Botos, Head, Bldg. Maintenance Section

SUBJECT: Estimate of Material Cost Projected for September Open House

Working with an unknown total quantity at this time, we can only give an approximate cost of the material which will be needed to complete each show stop.

We have used a maximum figure of two thousand dollars for each of the ten display areas. This cost would be reduced by the use of the salvage show materials, which are now stored in Plum Brook.

The final total figure should be considerably less upon completion.

Total Show Stops	-	10 each
Estimated Material Cost Each	-	$2,000.00
Total Estimate	-	$20,000.00

Elmer E. Botos

Elmer E. Botos

reduced cost with salvage

cc:
7111/Official File
7110/G. Mahnke

7111/EEBotos:ag:5/11/73

CONCURRENCE:

GLM GLM

JCE JCE

JFC

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 1960

May 11, 1973

MEMORANDUM

TO: Vice Chairman, 1973 Lewis Inspection

FROM: Logistics Chairman, 1973 Lewis Inspection

SUBJECT: Cost Information

Here is my estimate of anticipated expenditures, other than in-house labor, for the 1973 Lewis inspection.

ITEM	COST
Buses (5 days)	$5,900
Portable toilets	300
Signs & miscellaneous	2,000
TOTAL	$8,200

If the buses are needed for more than five days, the cost will go up by $1,180 per day.

Jack

John M. Powell

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 1000

May 10, 1973

MEMORANDUM

TO: 1003/Chief, Office of Operations Analysis & Planning

FROM: 1000/Assistant to Deputy Director, Management

SUBJECT: Outside Costs Associated with the Inspection

Pursuant to your May 7, 1973 memorandum requesting a breakdown of anticipated outside costs associated with the Inspection, the following is a listing for my part of the business:

	a) IBM MTST rental	$2,690.00
	b) IBM MTST tapes	60.00
	c) IBM MTST carbon ribbons	45.00
	d) Pressure sensitive labels	32.00
1/	e) Reference books	258.00
2/	f) Address labels (4 sets) Dun & Brad.	1,180.00
	g) Reservation card formatting/printing	125.00
	h) Various envelopes/franking & card stock	350.00
	i) Miscellaneous supplies for office	100.00
	Total	$4,840.00

1/ Updating existing reference books in LeRC Library and should not be considered solely an Inspection expense.

2/ Estimated.

At this juncture I do not anticipate any substantial expenses over and above those I have outlined. Please call me if you have any questions.

Arthur R. Wycoff, Jr.

GODMAN

May 11, 1973

Mr. Godman:

Cost estimate of purchases to be originated within EDD for the September 1973 Inspection:

Job 1. Hip joint simulator - Cost of the rig is against the appropriate task, so that no charge for equipment fabrication will be made against the Inspection. Mr. Swikert is including in his cost report the estimated cost of expendable materials that will be used during the show.

Job 2. Combustor rig in PSL-3,4 area.
Materials & fabrication, est. cost $9,500

Job 3. STOL engine model - no procurements planned.

Job 4. GASP model of forward section of Boeing 747.
No procurements planned.

Job 5. Miscellaneous work in M&S
Electrical equipment $200

No other expenditures are planned.

William J. McCann

May 11, 1973

Mr. Godman:

Cost estimate of purchases to be originated within EDD for the September 1973 Inspection:

Job 1. Hip joint simulator - Cost of the rig is against the appropriate task, so that no charge for equipment fabrication will be made against the Inspection. Mr. Swikert is including in his cost report the estimated cost of expendable materials that will be used during the show.

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Job 4. GASP model of forward section of Boeing 747.
No procurements planned.

Job 5. Miscellaneous work in M&S
Electrical equipment $200

No other expenditures are planned.

William J. McCann

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

May 23, 1973

REPLY TO
ATTN OF: 1010

TO: Record

FROM: 1010/Director, Technology Utilization and Public Affairs

SUBJECT: Telephone call from RD-M/Edwin C. Kilgore

Responsive to a telephone call from RD-M/Edwin C. Kilgore, the manpower hours estimated to be needed for the 1973 Lewis Inspection were stipulated as 16,240 professional and 23,730 support for a total of 39,970 hours. Mr. Kilgore was advised that the May 14 letter had costs based on $10 per hour professional and $5 per hour support. We discussed the difference between these per hour costs and a $40,000 per man year that Mr. Kilgore thought was more realistic.

To Mr. Kilgore's concern that $356,250 looks large to some people, for example, John Donnelly, Assistant Administrator for Public Affairs, we pointed out that normally Mr. Donnelly's Public Affairs function would use about 20,000 total manhours at Lewis, and the Inspection provides an increment of about 40,000 manhours by diverting time from other activities to the Inspection. in one year

Walter T. Olson

cc:
Inspection Files

May 14, 1973

1010

TO: RD/Deputy Associate Administrator-Management

FROM: 1010/Chairman, 1973 Lewis Inspection

SUBJECT: Cost estimates for review "Technology in the Service of Man"

Per your recent request to Bruce T. Lundin, the following is a cost estimate for the 1973 Lewis Inspection, "Technology in the Service of Man", to be held September 19-21 for invited guests and September 22-23 for general public:

Direct Manpower Costs, $	Prof.	Support	Total
Administration	5,700	4,800	10,500
Invitations & Protocol	5,900	1,150	7,050
Publicity	4,200	600	4,800
Logistics	13,800	15,700	29,500
Technical Exhibits (10 Stops)	96,800	84,400	181,200
Inspection Days	36,000	12,000	48,000
			281,050
Materials, Supplies and Contracts $			75,200
			$356,250

Although the total may look large, these estimates are in line with previous inspections. Further, all but $75,200 is in-house salaries and simply represents a diversion of about 1 percent of the total Center effort toward this affair between now and September. Part of this effort is useful for other than just the inspection and would need to be done in any case, for example, clean-up and painting, organization of results, preparation of visual aids for briefings, etc.

We are counting on some support in the form of exhibits sent here from each of the other NASA Centers. I would think that this support would be well within the scope of the Public Affairs function of each of the other Centers.

Walter T. Olson

cc:
0100/Director 1003/Edward A. Richley Inspection Files
1010:WTOlson:kmb 5-14-73

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 1003

May 11, 1973

MEMORANDUM

TO: General Chairman, 1973 Lewis Inspection

FROM: Vice Chairman, 1973 Lewis Inspection

SUBJECT: Inspection Cost Estimates

Per your request, we have developed the following cost estimate for the 1973 Lewis Inspection to be held September 19-21 (for invited guests) and September 22-23 (for the general public).

Direct Manpower Costs	Prof.	Support	Total
Administration	5,700	4,800	10,500
Invitations & Protocol	5,900	1,150	7,050
Publicity	4,200	600	4,800
Logistics	13,800	15,700	29,500
Technical Exhibits (10 Stops)	96,800	84,400	181,200
Inspection Days	36,000	12,000	48,000
			281,050
Materials, Supplies and Contracts			75,200
			356,250

Edward A. Richley

cc:
Inspection Files

See Ted

Bruce,

In view of Lou's request regarding this planned budget for the Annual Inspection at Lewis, I will need planning numbers when these can be developed. We should include total cost as best we can estimate it including:

- Manpower cost
- Materials
- Contract
- Etc.

Would May 15th be a reasonable date for a first estimate?

O Kilgore

Mr. Lundin -

Ed understands that you want

some words to go with this ---

this is just for your approval

of the numbers

Anne

from the desk of ... BRUCE LUNDIN

Ed --

Send to Kilgore under a brief transmittal letter indicating:

- It seems a bit high, but I am informed this is about what previous projections were
- Viewed another way, this is about 1% of the centers effort between now and then.
- Most of cost is in-house salaries & expenses, so it's just this instead of some thing else
- Part of this effort useful to us in any event - e.g. cleaning up shops, screening and organizing results, etc.

B.

Bruce:

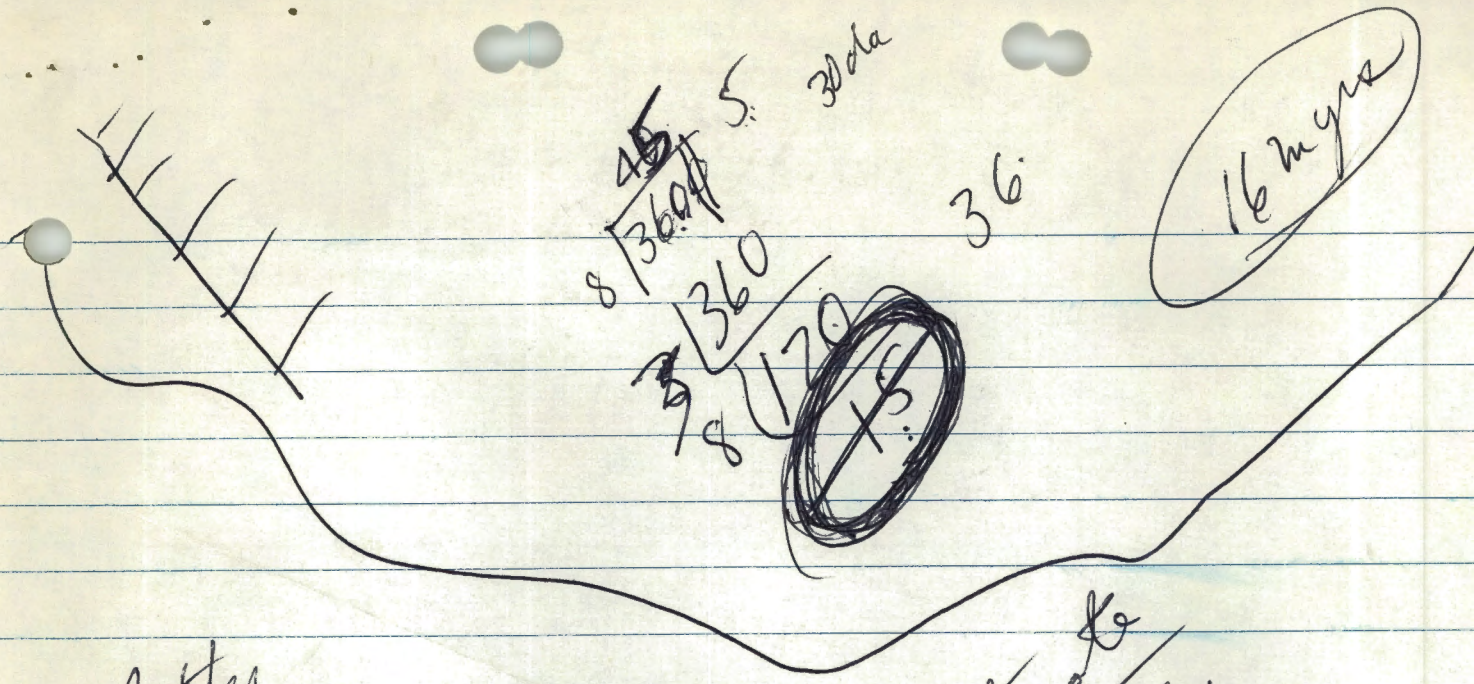
Re: Kilgore's request for Inspir. costs by 15 May —

How does this look?

(~1% of Center from here to Sept.?)

Do you want it sent to Kilgore? Or — what next?

— ed



Letter

- seemed high but reasonable
- 1% of Center effort from test to Sept
- much of the effort not completely apart from what we should be doing anyway

Estimate

Contracts & Materials

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 1003

May 7, 1973

MEMORANDUM

TO: Distribution

FROM: Vice Chairman, 1973 Lewis Inspection

SUBJECT: Cost Information

The Center has been requested by NASA Headquarters to provide a cost estimate for the 1973 Lewis Inspection on or before May 15.

The purpose of this memorandum is to request from each of you an estimate of any expended or anticipated expenditures for materials, supplies and/or contracts and the like. Do not include any in-house labor estimates.

Please submit your itemized list to the writer no later than Friday, May 11.

Your help in this matter will be greatly appreciated. Please call me at PAX 3155 or 3254 if you have any questions regarding your estimates.

E. A. Richley

Edward A. Richley

Distribution:

E. W. Conrad
R. E. Jones
R. W. Luidens
H. Douglass
E. Otto
L. Rosenblum
J. Freche
R. L. Johnson
J. Modarelli
H. Mark
J. Powell
W. T. Olson
A. Wycoff
R. Godman
D. Prok
D. Thoennes
Inspection Files

Estimates for 1973 Inspection – Richley & Co.

	Manhours Professional	Manhours Support
Administration	570	960
Invitations & Protocol	590	230
Publicity	420	120
Logistics	1380	3140
Technical Exhibits (10 Stops)	9680	16880
	12640	21330
	x$10	x $5
Subtotal (Prelim. to Inspection)	126400	106650
Inspection Days	3600	2400
	$10	$ 5
	36000	12000
Total	162400	118650
GRAND TOTAL	281K (Plus Materials, Models, etc.)	

to Landin, 5/7/73

WCO Estimate - Inspection

5/7/73
OLSON

40 hrs/wk
5 days/wk

Preliminary 1 Man Hours

	P	S
Gen Mgt. (Olson, Riddles, Mod Harris, Wyaff Powell)		
28 wks @ 2 da/wk x 6 = 336 Mdays	2700	
Tech Exhibits (10)		
Planning (2 wks)	800	
Design (1 prof + 3 sub prof 10 weeks)	4000	12 000
Fabin (1 prof + 4 sub prof 12 weeks)	4800	19 200
	12,300	31 200
	x $10	x $5
	$ 123 000	156,000
Prepin + Presentin		
Speakers (6 x 9 stops x 5 days)	2150	
Stop Aides (3 x 10 stops x 4 days)	960	
Tour Aides (4 x 10 stops x 4 days)		1280
Reg + Assist (65 x 3 days)		1560
	3110	2840
	x $10	x $5
	$ 31,100	$ 14,200
	$ 154,100	170,200
		154,100
		$ 324,300

3-15

To: Elaine

1232 October 18, 1973

MEMORANDUM

TO: 1010/Director of Public Affairs

FROM: 1232/Reports & Property Accounting Section

SUBJECT: Total Accumulated Costs for Lewis Inspection

The revised total cumulative costs to date as of September 30, 1973, all fund sources against SJO No. X012533 for the Lewis Inspection are as follows:

	LABOR ($)	PURCHASES ($)	TOTAL ($)
Balance @ 6-30-73	105,695	10,710	116,405
Current Year Costs FY73		31,077	31,077
Current Year Costs FY74 Fund Source 11		18,243	18,243
Current Year Costs FY74	392,696	5,087	397,783
Total	498,391	65,117	563,508

George L. Barber

cc:
✓1003/E. A. Richley
1200/A. J. Hess
1232/File

1232/MMarshall:jyb:10-18-73

Elaine Quigley
File

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
21000 BROOKPARK ROAD
CLEVELAND, OHIO 44135

TELEPHONE: 216-433-4000 TWX: 216-433-4766 TELEX: 098-5218

IN REPLY REFER TO: 1232

APRIL 12, 1973

MEMORANDUM

TO: 1010/DIRECTOR OF PUBLIC AFFAIRS

FROM: 1232/REPORTS & PROPERTY ACCT'G. SECTION

SUBJECT: ACCUMULATED COSTS FOR LEWIS INSPECTION

THE TOTAL COSTS TO DATE AS OF MARCH 31, 1973 AGAINST SJO NO. X012533 FOR THE LEWIS INSPECTION ARE AS FOLLOWS:

LABOR	PURCHASES	STOCK WITHDRAWALS	TOTAL
$73.20			$73.20

John W Boggs
JOHN W. BOGGS

CC:
A. J. HESS
FILE

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
21000 BROOKPARK ROAD
CLEVELAND, OHIO 44135
TELEPHONE: 216-433-4000 TWX: 216-433-4766 TELEX: 098-5218

IN REPLY REFER TO: 1232

MAY 14, 1973

MEMORANDUM

TO: 1010/DIRECTOR OF PUBLIC AFFAIRS

FROM: 1232/REPORTS & PROPERTY ACCT'G. SECTION

SUBJECT: ACCUMULATED COSTS FOR LEWIS INSPECTION

THE TOTAL COSTS TO DATE AS OF APRIL 30, 1973 AGAINST SJO NO. X012533 FOR THE LEWIS INSPECTION ARE AS FOLLOWS:

LABOR	PURCHASES	STOCK WITHDRAWALS	TOTAL
$16,010.93	$579.26		$16,590.19

John W Boggs

JOHN W. BOGGS

CC:
A. J. HESS
FILE

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO ATTN OF: 1232

August 1, 1973

MEMORANDUM

TO: 1010/Director of Public Affairs

FROM: 1232/Reports & Property Acct'g Section

SUBJECT: Accumulated Costs for Lewis Inspection

The total costs to date as of June 30, 1973 against SJO No. X012533 for the Lewis Inspection are as follows:

LABOR	PURCHASES	STOCK WITHDRAWALS	TOTAL
$105,694.75	$10,709.81		$116,404.56

George L. Barber

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LEWIS RESEARCH CENTER
CLEVELAND, OHIO 44135

REPLY TO
ATTN OF: 1232

August 30, 1973

MEMORANDUM

TO: 1010/Director of Public Affairs

FROM: 1232/Reports & Property Accounting Section

SUBJECT: Accumulated Costs for Lewis Inspection

The total costs to date as of July 31, 1973 against SJO No. X012533 for the Lewis Inspection are as follows:

LABOR	PURCHASES	STOCK WITHDRAWALS	TOTAL
$105,694.75	$12,474.84		$118,169.59

Margo Marshall
for
George L. Barber

cc:
1003/E. A. Richley
1200/A. J. Hess
1232/File

1232/MMarshall:blh:8-30-73

3-15

1232 October 12, 1973

MEMORANDUM

TO: 1010/Director of Public Affairs

FROM: 1232/Reports & Property Accounting Section

SUBJECT: Accumulated Costs for Lewis Inspection

The total costs to date as of September 30, 1973, against SJO No. X012533 for the Lewis Inspection are as follows:

LABOR	PURCHASES	STOCK WITHDRAWALS	TOTAL
$392,695.91	$5,086.64		$397,782.55

George L. Barber

cc:
1003/E. A. Richley
1200/A. J. Hess
1232/File

1232/MMarshall:jyb:10-12-73

72
21290
6300
4050
107600
161400
5985
20148
25284
33012
55580
4600
144000
3200
14364
4200
12600
7016
7810
1012
1330
400
21300
3600
18000
18882
7047
7047
18910
2310
68000
12000
12000
12000
1600
4750
3780
3780
3479
5500
57580
34520
15120
18912
22935
18800
16040
2690
13000
8280
13100
30400
600

5300
2850
38522
39964
174000
15750
239500
888
691
703
996
867
1940
806
1340
759
1237
1100
100
150
1014
185
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469
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941
469
1086
36976
33600
60000
10000
7500
31500
1260
4440
4440
31400
8720
29500
8424
22942
1200
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12720
22050
26000
14200
1000
1476
432
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4535
4890
46248
9680
45000

551
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1520
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717
1720
4440
2000
2420
2450
980
5324
5750
7480
575
525
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48600
28800
1000
4275
1860
1068
1488
1116
1368
1416
9360
186628
200000
225000
14648
5752
4752
14500
930
1800
2000
136400
209000
70650
75000
35000
65920
15096
13332
16762
7275
1040
5324
36540
48200
2160
3000
24376
2400
3132
45000

13530
3920
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3734061*

JOB NO. 16532-B PURCHASE REQUEST REPORT OF YEAR TO DATE TRANSACTIONS 06-30-73

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR G/L	PMF OBJ YAS CLS	JOB ORD NUMBER DIV	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	BUY DATE	OFF	L P
A308258	01	03904000053130312130	X01	253310	10.00	.72	40496C		02	.72					11J	C	06043	04	L
A308261	01	03904000053130312130	X01	253310	175.00	224.22	39857C		01	212.90					21P	C	05213	04	L
A308263	01	03904000053130312130	X01	253310	81.00	63.00	40603C		01	63.00					31G	C	06263	04	L
A402168	01	03904000053130302340	X01	253310	1614.00	31.50	36425C		01	40.50					11N	C	04103	06	L
A402168	02	03904000053130302340	X01	253310	1076.00	1076.00	36418C		02	1076.00					11N	C	04103	06	L
A402168	03	03904000053130302340	X01	253310	51.00	1614.00	36418C		01	1614.00					11N	C	04103	06	L
A402168	04	03904000053130302340	X01	253310	70.00	59.85	36419C		01	59.85					11N	C	04103	06	L
A402168	05	03904000053130302340	X01	253310*	300.00	300.00									11N		04103	06	L
A402168	05	P/R DEL		*	300.00-	300.00-				-					-633		06293	06	L
A405621	01	03904000053130312140	X01	253319	201.48	201.48	38298C		01	201.48					12D	C	04103	04	L
A405621	02	03904000053130312140	X01	253319	206.16	252.84	38298C		02	252.84					12D	C	04103	04	L
A405621	03	03904000053130312140	X01	253319	313.80	330.12	38298C		03	330.12					12D	C	04103	04	L
A405621	04	03904000053130312140	X01	253319	536.88	565.80	38298C		04	565.80					12D	C	04103	04	L
A431693	01	03902000053130312070	X01	253371	46.00	50.04	40067C		01	46.00					12V	C	05093	04	L
A487627	01	03902000053130302890	X01	253385	1320.00	1440.00	41145C		01	1440.00					31R	C	06263	01	L
A494521	01	03904000053130312110	X01	253310	32.00	32.00	308600		51	32.00					11P	C	04103	04	L
A494522	01	03904000053130312130	X01	253310	143.64	143.64	39725C		01	143.64					21H	C	05213	08	L
A494522	02	03904000053130312130	X01	253310	54.00	42.00	39733C		01	42.00					21H	C	05213	08	L
A494524	01	03904000053130312130	X01	253310	126.00	126.00	41104C		01	126.00					41A	C	06273	04	L
A498864	01	03902000053130312090	X01	253326	70.16	71.26	40161C		01	70.16					11U	C	06043	04	L
A510070	01	03902000053130312110	X01	253374	77.00	78.10	28042C	019	01	78.10					21Q	C	05213	04	L
A510073	01	03902000053130312090	X01	253374	10.12	10.12	40118C		01	10.12					11U	C	06043	04	L
A523398	01	03902000053130312 0P	0X01	253374	13.50	13.30	316900		51	13.30					31F	C	06263	04	L
A523398	02	03902000053130312 0P	0X01	253374	4.00	4.00	316900		52	4.00					31F	C	06263	04	L
A525006	01	03902000053130312080	X01	253395*	36.00	36.00									31L		06263	04	L
A525006	01	P/R DEL		*	36.00-	36.00-				-					-633		06293	04	L
A525006	02	03902000053130312080	X01	253395*	42.00	42.00									31L		06263	04	L
A525006	02	P/R DEL		*	42.00-	42.00-				-					-633		06293	04	L
A528835	01	03902000053130312150	X01	253385	213.00	213.00	40237C		01	213.00					21B	C	06113	04	L
A528835	02	03902000053130312150	X01	253385	36.00	36.00	40237C		02	36.00					21B	C	06113	04	L
A528836	01	03902000053130312090	X01	253385	180.00	180.00	40236C		01	180.00					21A	C	06113	04	L
A528837	01	03902000053130312090	X01	253385	192.00	188.82	40621C		01	188.82					31G	C	06263	04	L
A529114	01	03902000053130315550	X01	253375*	499.00	499.00									31R		06263	04	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR G/L YAS CLS NUMBER DIV	PMF OBJ JOB ORD	COMMITMENTS	COMMITMENTS ADJUSTED	OBLIGATING ORDER DRAW P/O AMT NUMBER AMD L/I	OBLIGATION AMOUNT	OBLIGATING ORDER DRAW P/O OBLIG NUMBER AMD L/I	AMOUNT	PURCHASE REQUEST CYC P BAT C	BUY L DATE OFF P
A529114	01	P/R DEL	*	499.00-	499.00-		-			-633	06293 04 L
A529114	02	03902000053130315550X01253375	*	237.00	237.00					31R	06263 04 L
A529114	02	P/R DEL	*	237.00-	237.00-		-			-633	06293 04 L
A529114	03	03902000053130315550X01253375	*	425.00	425.00					31R	06263 04 L
A529114	03	P/R DEL	*	425.00-	425.00-		-			-633	06293 04 L
A529114	04	03902000053130312160X01253375	*	24.00	24.00					31R	06263 04 L
A529114	04	P/R DEL	*	24.00-	24.00-		-			-633	06293 04 L
A529187	01	03902000053130312160X01253375	*	144.00	144.00					41A	06273 04 L
A529187	01	P/R DEL	*	144.00-	144.00-		-			-633	06293 04 L
A529187	02	03902000053130315520X01253375	*	440.00	440.00					41A	06273 04 L
A529187	02	P/R DEL	*	440.00-	440.00-		-			-633	06293 04 L
A529187	03	03902000053130312160X01253375	*	52.00	52.00					41A	06273 04 L
A529187	03	P/R DEL	*	52.00-	52.00-		-			-633	06293 04 L
A529187	04	03902000053130312160X01253375	*	38.00	38.00					41A	06273 04 L
A529187	04	P/R DEL	*	38.00-	38.00-		-			-633	06293 04 L
A536010	01	03902000053130312070X01253325		80.00	70.47	28058C 054 01	70.47			12B C	05093 04 L
A536010	02	03902000053130312070X01253325		80.00	70.47	28058C 054 02	70.47			12B C	05093 04 L
A536015	01	03902000053130312160X01253325		310.00	189.10	28025C 064 01	189.10			12F C	05093 04 L
A536016	01	03904000053130312 1L0X01253325		22.00	23.10	40687C 01	23.10			11U C	06043 04 L
A536017	01	03902000053130302890X01253325		820.00	680.00	41147C 01	680.00			31B C	06263 01 L
A539019	68	03903000053130312130X01253319	*			36582C 01	120.00			21U P	04203 02 L
A539019	68	P/R ADJ	*	-		-36582C 01	120.00-			-633 P	06293 02 L
A539019	68	03903000053130312130X01253319		120.00	120.00	36582C 01	120.00			633 P	04203 02 L
A539030	15	03903000053130312 1L0X01253310			1669.75	36831C 01	16.00	36829C 01	47.50	16D C	04103 02 L
A539560	01	03902000053130312040X01253375		35.00	37.80	40206C 01	37.80			11X C	06043 04 L
A539560	02	03902000053130312040X01253375		39.00	37.80	40206C 02	37.80			11X C	06043 04 L
A539560	03	03902000053130312040X01253375		39.00	34.79	40207C 01	34.79			11X C	06043 04 L
A539560	04	03902000053130312040X01253375		55.00	55.00	40207C 02	55.00			11X C	06043 04 L
A539564	01	03902000053130312160X01253375		720.00	575.80	41022C 01	575.80			31C C	06263 04 L
A539564	02	03902000053130312160X01253375		428.00	345.20	41022C 02	345.20			31C C	06263 04 L
A539564	03	03902000053130312160X01253375		192.00	151.20	41022C 03	151.20			31C C	06263 04 L
A539564	04	03902000053130312160X01253375		234.00	189.12	41022C 04	189.12			31C C	06263 04 L
A539565	01	03902000053130315550X01253375		260.00	229.35	41022C 05	229.35			31C C	06263 04 L
A539565	02	03902000053130315550X01253375		220.00	188.00	41022C 06	188.00			31C C	06263 04 L
A539565	03	03902000053130315560X01253375		180.00	160.40	41022C 07	160.40			31C C	06263 04 L
A539566	01	03902000053130312160X01253375		27.00	26.90	40516C 01	26.90			31C C	06263 04 L
A539566	02	03902000053130312160X01253375		130.00	130.00	40516C 02	130.00			31C C	06263 04 L
A540048	01	03902000053130312160X01253385		84.00	82.80	40185C 01	82.80			21B C	05213 04 L
A540048	02	03902000053130312160X01253385		132.00	131.00	40185C 02	131.00			21B C	05213 04 L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR G/L	PMF OBJ JOB ORD YAS CLS NUMBER DIV	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	OBLIGATING ORDER AMD	OBLIGATING ORDER L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	OBLIGATING ORDER AMD	OBLIGATING ORDER L/I	OBLIGATING ORDER AMOUNT	PURCHASE REQUEST CYC BAT	P C	BUY DATE	L OFF	P
A540048	03	03902000053130312160X01253385		304.00	304.00	40185C		03	304.00					21B	C	05213	04	L
A540048	04	03902000053130312160X01253385		6.00	6.00	40185C		04	6.00					21B	C	05213	04	L
A540053	01	03902000053130312150X01253385		51.00	53.00	40183C		01	53.00					11X	C	06043	04	L
A540054	01	03902000053130312060X01253385		30.00	29.01	40093C		01	28.50					11R	C	06043	04	L
A540057	01	03902000053130312160X01253385		283.00	385.22	40271C		01	385.22					11Z	C	06043	04	L
A540057	02	03902000053130312160X01253385		298.00	399.64	40271C		02	399.64					11Z	C	06043	04	L
A540483	01	03902000053130302890X01253385		1800.00	1740.00	41046C		01	1740.00					21Q	C	05213	04	L
A540484	01	03902000053130312150X01253385		210.00	585.50	39920C		01	157.50					11G	C	06043	04	L
A540485	01	03902000053130302890X01253385		2400.00	2395.00	41144C		01	2395.00					11Z	C	06043	01	L
A543938	01	03902000053130312090X01253326		8.88	8.88	40142C		01	8.88					11X	C	06043	04	L
A543938	02	03902000053130312090X01253326		6.91	6.91	40142C		02	6.91					11X	C	06043	04	L
A543938	03	03902000053130312090X01253326		6.23	7.03	40142C		03	7.03					11X	C	06043	04	L
A543938	04	03902000053130312090X01253326		4.98	9.96	40142C		04	9.96					11X	C	06043	04	L
A543938	05	03902000053130312090X01253326		8.67	8.67	40142C		05	8.67					11X	C	06043	04	L
A543938	06	03902000053130312090X01253326		6.32	19.40	40142C		06	19.40					11X	C	06043	04	L
A543938	07	03902000053130312090X01253326		8.06	8.06	40142C		07	8.06					11X	C	06043	04	L
A543938	08	03902000053130312090X01253326		13.40	13.40	40142C		08	13.40					11X	C	06043	04	L
A543938	09	03902000053130312090X01253326		7.59	7.59	40142C		09	7.59					11X	C	06043	04	L
A543938	10	03902000053130312090X01253326		12.37	12.37	40142C		10	12.37					11X	C	06043	04	L
A543938	11	03902000053130312090X01253326		11.00	11.00	40142C		11	11.00					11X	C	06043	04	L
A543938	12	03902000053130312090X01253326		1.00	1.00	40142C		12	1.00					11X	C	06043	04	L
A543938	13	03902000053130312090X01253326		1.50	1.50	40142C		13	1.50					11X	C	06043	04	L
A543938	14	03902000053130312090X01253326		10.14	10.14	40142C		14	10.14					11X	C	06043	04	L
A543938	15	03902000053130312090X01253326		1.85	1.85	40142C		15	1.85					11X	C	06043	04	L
A543938	16	03902000053130312090X01253326		1.75	1.75	40142C		16	1.75					11X	C	06043	04	L
A543938	17	03902000053130312090X01253326		4.69	4.69	40142C		17	4.69					11X	C	06043	04	L
A543938	18	03902000053130312090X01253326		9.41	9.41	40142C		18	9.41					11X	C	06043	04	L
A543938	19	03902000053130312090X01253326		9.41	9.41	40142C		19	9.41					11X	C	06043	04	L
A543938	20	03902000053130312090X01253326		4.69	4.69	40142C		20	4.69					11X	C	06043	04	L
A543940	01	03902000053130302890X01253326*		200.00	200.00									21H		06113	01	L
A543940	01	P/R DEL	*	200.00-	200.00-				-					-633		06293	01	L
A546374	01	03902000053130312060X01253326		12.00	10.86	41781C		01	10.86					41C	C	06273	04	L
A546606	01	03902000053130312020X01253326		310.00	369.76	39966C		01	369.76					11G	C	06043	04	L
A546608	01	03902000053130312100X01253326		360.00	336.00	40517C		01	336.00					11X	C	06043	04	L
A546615	01	03902000053130312110X01253326*		300.00	300.00									31S		06263	04	L
A546615	01	P/R DEL	*	300.00-	300.00-				-					-633		06293	04	L
A546616	01	03902000053130312020X01253326*		369.76	369.76									41A		06273	04	L
A546616	01	P/R DEL	*	369.76-	369.76-				-					-633		06293	04	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR	G/L	PMF YAS	OBJ CLS	JOB ORD NUMBER	DIV	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	BUY DATE	L OFF	P
A546629	01	03902000	05	3130	312	150X01253326		750.00	600.00	40832C		02	600.00					31B	C	06263	04	L
A546629	02	03902000	05	3130	312	150X01253326		100.00	100.00	40832C		03	100.00					31B	C	06263	04	L
A546629	03	03902000	05	3130	312	150X01253326		75.00	75.00	40832C		04	75.00					31B	C	06263	04	L
A546629	04	03902000	05	3130	312	150X01253326		315.00	315.00	40832C		05	315.00					31B	C	06263	04	L
A547776	01	03902000	05	3130	312	090X01253325		60.00	13.28	37732C		01	12.60					21P	C	04203	04	L
A547777	01	03902000	05	3130	312	040X01253325		44.40	44.40	37828C		01	44.40					11B	C	05093	04	L
A547777	02	03902000	05	3130	312	040X01253325		44.40	44.40	37828C		02	44.40					11B	C	05093	04	L
A547779	01	03902000	05	3130	312	160X01253325		300.00	314.00	37829C		01	314.00					11F	C	05093	04	L
A548132	01	03902000	05	3130	312	100X01253326		320.00	87.20	38296C		01	87.20					12J	C	04103	04	L
A548132	02	03902000	05	3130	312	100X01253326*		320.00	320.00									56Q		06283	04	L
A548132	02	P/R DEL				*		320.00-	320.00-				-					-633		06293	04	L
A548143	01	03904000	05	3130	312	160X01253326		325.00	295.00	40604C		01	295.00					11T	C	06043	04	L
A548841	01	03904000	05	3130	312	130X01253319		84.70	86.24	37523C		01	84.24					12J	C	04103	04	L
A551571	01	03902000	05	3130	312	160X01253326		241.50	229.42	40263C		01	229.42					21M	C	05213	04	L
A551573	01	03902000	05	3130	312	040X01253326		15.00	12.00	40026C		01	12.00					21M	C	05213	04	L
A551573	02	03902000	05	3130	312	040X01253326		20.00	18.00	40026C		02	18.00					21M	C	05213	04	L
A551573	03	03902000	05	3130	312	040X01253326		25.00	25.00	40026C		03	25.00					21M	C	05213	04	L
A551574	01	03902000	05	3130	312	040X01253326		134.00	127.20	40928C		01	127.20					31H	C	06263	04	L
A551847	01	03902000	05	3130	315	520X01253355*		590.00	590.00									21M		05213	04	L
A551847	01	P/R DEL				*		590.00-	590.00-				-					-633		06293	04	L
A551847	02	03902000	05	3130	315	520X01253355*		70.00	70.00									21M		05213	04	L
A551847	02	P/R DEL				*		70.00-	70.00-				-					-633		06293	04	L
A551868	01	03902000	05	3130	302	890X01253355		180.00	218.29	38967C		01	220.50					12F	C	04103	01	L
A551873	01	03902000	05	3130	302	890X01253355		300.00	257.40	38990C		01	260.00					21B	C	04203	01	L
A551889	01	03902000	05	3130	312	100X01253355		120.00	142.00	40449C		01	142.00					11U	C	06043	04	L
A551891	01	03902000	05	3130	312	060X01253355		7.80	10.00	40599C		06	10.00					11U	C	06043	04	L
A552007	01	03902000	05	3130	312	060X01253385		18.00	14.57	28019C	091	01	14.76					21R	C	04203	04	L
A552007	02	03902000	05	3130	312	060X01253385		2.50	4.32	28019C	091	02	4.32					21R	C	04203	04	L
A552011	01	03902000	05	3130	312	060X01253385		60.00	55.52	37486C		01	55.00					12P	C	04103	04	L
A552011	02	03902000	05	3130	312	060X01253385		50.00	44.40	28004C	041	02	45.35					12P	C	04103	04	L
A552011	03	03902000	05	3130	312	060X01253385		55.00	48.90	28004C	041	03	48.90					12P	C	04103	04	L
A554726	01	03902000	05	3130	312	150X01253325		480.00	462.48	39996C		01	462.48					11J	C	06043	04	L
A554727	01	03902000	05	3130	312	150X01253325		186.30	95.25	40004C		01	96.80					11J	C	06043	04	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR	G/L YAS	PMF CLS	OBJ NUMBER	JOB ORD DIV	COMMITMENTS	COMMITMENTS ADJUSTED	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	DATE	BUY OFF	L P
A554727	02	03902	00	05	31	30312150	X01253325	10.60	5.51	40004C		02	5.51				11J	C	06043	04	L
A554727	03	03902	00	05	31	30312150	X01253325	85.45	42.15	40004C		03	44.40				11J	C	06043	04	L
A554727	04	03902	00	05	31	30312150	X01253325	29.24	15.20	40004C		04	15.20				11J	C	06043	04	L
A554727	05	03902	00	05	31	30312150	X01253325	27.62	14.36	40004C		05	14.36				11J	C	06043	04	L
A554727	06	03902	00	05	31	30312150	X01253325	90.00	17.04	40004C		06	17.04				11J	C	06043	04	L
A554727	07	03902	00	05	31	30312150	X01253325	13.80	7.17	40004C		07	7.17				11J	C	06043	04	L
A554727	08	03902	00	05	31	30312150	X01253325	33.10	17.20	40004C		08	17.20				11J	C	06043	04	L
A555091	01	03902	00	05	31	30312040	X01253325	44.40	44.40	40194C		01	44.40				11X	C	06043	04	L
A560551	01	03902	00	05	31	30312080	X01253325	6.00	20.00	37938C		01	20.00				11H	C	05093	04	L
A562803	01	03902	00	05	31	30302890	X01253355	2300.00	2420.00	41246C		01	2420.00				31R	C	06263	01	L
A562804	01	03902	00	05	31	30302890	X01253355	2000.00	2450.00	41251C		01	2450.00				41A	C	06273	01	L
A562808	01	03902	00	05	31	30312030	X01253355	9.00	9.80	41777C		02	9.80				41A	C	06273	04	L
A562809	01	03904	00	05	31	30312080	X01253355	53.24	53.24	41789C		01	53.24				41A	C	06273	04	L
A563106	01	03902	00	05	31	30312120	X01253385*	212.40	212.40								21H		06113	04	L
A563106	01	P/R DEL					*	212.40-	212.40-				-				-633		06293	04	L
A563183	01	03902	00	05	31	30312040	X01253385	57.50	57.50	40927C		01	57.50				31F	C	06263	04	L
A563183	02	03902	00	05	31	30312040	X01253385	71.50	74.80	40927C		02	74.80				31F	C	06263	04	L
A563183	03	03902	00	05	31	30312040	X01253385	5.00	5.75	40927C		03	5.75				31F	C	06263	04	L
A563183	04	03902	00	05	31	30312040	X01253385	5.00	5.25	40927C		04	5.25				31F	C	06263	04	L
A563183	05	03902	00	05	31	30312040	X01253385	12.00	12.60	40927C		05	12.60				31F	C	06263	04	L
A563183	06	03902	00	05	31	30312040	X01253385	17.00	16.80	40927C		06	16.80				31F	C	06263	04	L
A563212	01	03902	00	05	31	30312160	X01253385	465.00	486.00	40964C		01	486.00				31R	C	06263	04	L
A563213	01	03902	00	05	31	30312040	X01253385	288.00	288.00	41004C		01	288.00				31S	C	06263	04	L
A563215	01	03902	00	05	31	30312100	X01253385	10.00	10.00	41048C		01	10.00				31Y	C	06263	04	L
A565832	01	03902	00	05	31	30312060	X01253355	35.00	42.75	40211C		01	42.75				11U	C	06043	04	L
A565832	02	03902	00	05	31	30312060	X01253355	60.00	85.18	40211C		02	80.50				11U	C	06043	04	L
A565832	03	03902	00	05	31	30312060	X01253355	35.00	42.75	40211C		03	42.75				11U	C	06043	04	L
A566488	01	03902	00	05	31	30312040	X01253375	18.00	16.87	39958C		01	18.60				11G	C	06043	04	L
A566488	02	03902	00	05	31	30312040	X01253375	15.00	10.68	39958C		02	10.68				11G	C	06043	04	L
A566488	03	03902	00	05	31	30312040	X01253375	24.00	14.88	39958C		03	14.88				11G	C	06043	04	L
A566488	04	03902	00	05	31	30312040	X01253375	15.00	11.16	39958C		04	11.16				11G	C	06043	04	L
A566488	05	03902	00	05	31	30312040	X01253375	18.00	13.68	39958C		05	13.68				11G	C	06043	04	L
A566488	06	03902	00	05	31	30312040	X01253375	21.00	14.16	39958C		06	14.16				11G	C	06043	04	L
A566488	07	03902	00	05	31	30312040	X01253375	120.00	93.60	39958C		07	93.60				11G	C	06043	04	L
A569552	01	03903	00	05	31	30312070	X01253371	1866.28	1866.28	40712C		01	1866.28				31L	C	06263	04	L
A569555	01	03902	00	05	31	30312070	X01253371*	150.00	150.00								41A		06273	04	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR G/L	PMF OBJ JOB ORD YAS CLS NUMBER DIV	COMMITMENTS	COMMITMENTS ADJUSTED	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	DATE	BUY OFF	L P
A569555	01	P/R DEL	*	150.00-	150.00-					-				-633		06293	04	L
A569556	01	03902000053130312070X01253371	*	98.25	98.25									41A		06273	04	L
A569556	01	P/R DEL	*	98.25-	98.25-					-				-633		06293	04	L
A569556	02	03902000053130312070X01253371	*	196.50	196.50									41A		06273	04	L
A569556	02	P/R DEL	*	196.50-	196.50-					-				-633		06293	04	L
A569561	01	03902000053130312090X01253371	*	40.32	40.32									41A		06273	04	L
A569561	01	P/R DEL	*	40.32-	40.32-					-				-633		06293	04	L
A569561	02	03902000053130312090X01253371	*	6.00	6.00									41A		06273	04	L
A569561	02	P/R DEL	*	6.00-	6.00-					-				-633		06293	04	L
A569564	01	03902000053130312070X01253371	*	35.70	35.70									41A		06273	04	L
A569564	01	P/R DEL	*	35.70-	35.70-					-				-633		06293	04	L
A569569	01	03902000053130312010X01253371	*	393.60	393.60									41A		06273	04	L
A569569	01	P/R DEL	*	393.60-	393.60-					-				-633		06293	04	L
A569572	01	03902000053130302890X01253371		2000.00	2000.00	41270C		01	2000.00					41E	C	06273	01	L
A569576	01	03902000053130302890X01253371	*	2000.00	2000.00									41J		06273	01	L
A569576	01	P/R DEL	*	2000.00-	2000.00-					-				-633		06293	01	L
A569585	01	03902000053130302890X01253371		2450.00	2250.00	41292C		01	2250.00					41E	C	06273	01	L
A569593	01	03902000053130302890X01253371	*	1470.00	1470.00									41J		06273	01	L
A569593	01	P/R DEL	*	1470.00-	1470.00-					-				-633		06293	01	L
A569838	01	03902000053130312090X01253326		144.00	147.08	38158C		01	146.48					11Y	C	05093	04	L
A569858	01	03902000053130312150X01253326		60.00	58.29	38283C		01	57.52					12N	C	05093	04	L
A569858	02	03902000053130312150X01253326		60.00	47.52	38283C		02	47.52					12N	C	05093	04	L
A569861	01	03902000053130302890X01253326		250.00	145.00	39116C		01	145.00					11W	C	06043	01	L
A569863	01	03902000053130312150X01253326		12.00	9.30	28037C	035	01	9.30					12V	C	05093	04	L
A569870	01	03902000053130302890X01253326	*	390.00	390.00									41J		06273	01	L
A569870	01	P/R DEL	*	390.00-	390.00-					-				-633		06293	01	L
A569880	01	03902000053130312060X01253326		18.00	18.00	38199C		01	18.00					12F	C	05093	04	L
A569880	02	03902000053130312060X01253326		20.00	20.54	38199C		02	20.00					12F	C	05093	04	L
A570332	01	03902000053130302890X01253355		1320.00	1364.00	41177C		01	1364.00					21E	C	06113	01	L
A570333	01	03902000053130315520X01253355		2090.00	2090.00	40309C		01	2090.00					11Z	C	06043	04	L
A570334	01	03902000053130312020X01253355		706.50	699.72	40195C		01	706.50					11Z	C	06043	04	L
A570335	01	03902000053130302890X01253355		2200.00	750.00	41225C		01	750.00					31F	C	06263	01	L
A570336	01	03902000053130302890X01253355		1400.00	350.00	41180C		01	350.00					31C	C	06263	01	L

P/R NUMBER	P/R L/I	PROJ SUBPR	RTOP G/L	PMF YAS	OBJ CLS	JOB NUMBER	CRD DIV	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	DATE	BUY OFF	L P
A570337	01	03902	00005	3130	3120	30X	01253355	659.20	659.20	40623C		01	659.20					31J	C	06263	04	L
A570345	01	03902	00005	3130	3121	60X	01253355	150.96	150.96	40760C		01	150.96					31G	C	06263	04	L
A570346	01	03902	00005	3130	3121	60X	01253355	137.04	133.32	40771C		01	133.32					31G	C	06263	04	L
A570346	02	03902	00005	3130	3121	60X	01253355	167.62	167.62	40771C		02	167.62					31G	C	06263	04	L
A575556	01	03902	00005	3130	3120	40X	01253385	73.00	72.75	40612C		01	72.75					31C	C	06263	04	L
A575807	01	03902	00005	3130	3121	50X	01253355	10.40	10.44	37939C		01	10.40					11K	C	05093	04	L
A575832	01	03902	00005	3130	3121	10X	01253355	50.00		37720C		01						21G	C	04203	04	L
A575842	01	03902	00005	3130	3121	30X	01253355	50.16	53.24	39652C		01	53.24					12V	C	05093	04	L
A575854	01	03902	00005	3130	3121	50X	01253355	365.00	365.40	40285C		01	365.40					11U	C	06043	04	L
A575858	01	03902	00005	3130	3028	90X	01253355	1500.00	482.00	41187C		01	482.00					31C	C	06263	01	L
A575859	01	03902	00005	3130	3120	90X	01253355	21.60	21.60	40286C		01	21.60					21A	C	06113	04	L
A575859	02	03902	00005	3130	3120	90X	01253355	30.00	30.00	40286C		02	30.00					21A	C	06113	04	L
A575870	01	03902	00005	3130	3121	00X	01253355	200.00	243.76	40255C		01	243.76					11R	C	06043	04	L
A575871	01	03902	00005	3130	3120	90X	01253355	8.00	24.00	40579C		01	24.00					11R	C	06043	04	L
A575876	01	03902	00005	3130	3121	50X	01253355	31.20	31.32	38184C		01	31.32					12B	C	05093	04	L
A576060	01	03902	00005	3130	3121	60X	01253385	475.00	450.00	39997C		01	450.00					21E	C	05213	04	L
A576243	01	03902	00005	3130	3120	30X	01253385	130.00	135.30	39986C		02	135.30					21H	C	05213	04	L
A576254	01	03902	00005	3130	3120	40X	01253385	39.20	39.20	40225C		01	39.20					21A	C	06113	04	L
A576262	01	03902	00005	3130	3120	30X	01253385*	98.00	98.00									31R		06263	04	L
A576262	01	P/R DEL					*	98.00-	98.00-				-					-633		06293	04	L
A576262	02	03902	00005	3130	3120	30X	01253385*	96.00	96.00									31R		06263	04	L
A576262	02	P/R DEL					*	96.00-	96.00-				-					-633		06293	04	L
A576262	03	03902	00005	3130	3120	30X	01253385*	154.00	154.00									31R		06263	04	L
A576262	03	P/R DEL					*	154.00-	154.00-				-					-633		06293	04	L
A576262	04	03902	00005	3130	3120	30X	01253385*	56.00	56.00									31R		06263	04	L
A576262	04	P/R DEL					*	56.00-	56.00-				-					-633		06293	04	L
A576262	05	03902	00005	3130	3120	30X	01253385*	96.00	96.00									31R		06263	04	L
A576262	05	P/R DEL					*	96.00-	96.00-				-					-633		06293	04	L
A576262	06	03902	00005	3130	3120	30X	01253385*	14.00	14.00									31R		06263	04	L
A576262	06	P/R DEL					*	14.00-	14.00-				-					-633		06293	04	L
A576262	07	03902	00005	3130	3120	30X	01253385*	24.00	24.00									31R		06263	04	L
A576262	07	P/R DEL					*	24.00-	24.00-				-					-633		06293	04	L
A576262	08	03902	00005	3130	3120	30X	01253385*	4.50	4.50									31R		06263	04	L
A576262	08	P/R DEL					*	4.50-	4.50-				-					-633		06293	04	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR G/L YAS CLS NUMBER DIV	PMF OBJ JOB ORD	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	DATE	BUY OFF	L P
A578089	01	03902000053130312070X01253354		2.58	1.78	41015C		01	1.78					41E	C	06273	04	L
A578089	02	03902000053130312070X01253354		2.58	1.78	41015C		02	1.78					41E	C	06273	04	L
A578089	03	03902000053130312070X01253354		2.58	1.78	41015C		03	1.78					41E	C	06273	04	L
A578089	04	03902000053130312070X01253354		2.58	1.78	41015C		04	1.78					41E	C	06273	04	L
A578089	05	03902000053130312070X01253354		2.58	1.78	41015C		05	1.78					41E	C	06273	04	L
A578089	06	03902000053130312070X01253354		2.58	1.78	41015C		06	1.78					41E	C	06273	04	L
A578089	07	03902000053130312070X01253354		2.58	1.78	41015C		07	1.78					41E	C	06273	04	L
A578089	08	03902000053130312070X01253354		2.58	1.78	41015C		08	1.78					41E	C	06273	04	L
A578089	09	03902000053130312070X01253354		2.58	1.78	41015C		09	1.78					41E	C	06273	04	L
A578089	10	03902000053130312070X01253354		2.58	1.78	41015C		10	1.78					41E	C	06273	04	L
A578181	01	03902000053130302890X01253333		2300.00	2300.00	41228C		01	2300.00					31J	C	06263	01	L
A578973	01	03902000053130312030X01253321*		62.00	62.00									41E		06273	04	L
A578973	01	P/R DEL	*	62.00-	62.00-				-					-633		06293	04	L
A581033	01	03902000053130312030X01253325		77.40	58.05	40870C		01	58.05					31R	C	06263	04	L

TOTAL P/R-S	118
TOTAL LINE ITEMS	**260**

*

3500
2663
2155
3000
8126
3500
1259
7377
7514
1047
730
166800
15421
1148
15900
2475
5000
2614
11232
9870
3000
2400
5760
10400
9200
9680
2210
2820
2010
49900
23700
42500
2400
11516
37600
5320
3780
24500
3100
3100
3100
1140
13040
33396
1232
11200
25560
36976
21700
12000
59500
7000
1584
2238
3192
4230
648
624
960
3660
900
412

222
1890
1890
1890
1890
5280
7920
1637
1570
157500
25782
3330
975
220000
152500
509
440000
140000
1600
14240
9880
11520
132600
158000
3330
552000
2536
7175
1878
2244
5120
4440
1020
3060
4500
4500
1020
7200
27000
5862
1809
1407
1809
2814
1115
9000
500
720
1440
2430
567
3090
2430
567
3090
242000
990
1782
1782
1782
1782
20600
3780
5984

6939
15000
3330
1069
5250
15450
4536
1954
5184
41700
41700
83400
1680
150000
22500
9382
9375
17700
4320
540
3570
36080
200000
150000
135000
135000
195600
8000
15600
20100
31360
23600
5800
21000
17500
8000
9180
1274
63000
52500
49000
5000
13500
50000
3060
1360
1140
2040
7280
2350
14100
5768
8380
16830
8552
5048
1137
1687
772
12210
4440
8100

13900
4050
5150
945
12065
22550
17600
2567
24270
30000
4000
30000
7400
93400
267
267
267
330
39900
24120
242700
2120
4158
4272
41100
5400
5400
2400
5760
1200

4218234 *

JOB NO. 16532-B PURCHASE REQUEST REPORT OF YEAR TO DATE TRANSACTIONS 09-30-73 PAGE 1

P/R NUMBER	P/R L/I	PROJ SUBPR	RTOP G/L	PMF YAS	OBJ CLS	JOB NUMBER	CRD DIV	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	BUY DATE	L OFF	P
A	2636	21	50	10	00	00004	B4	0302211	X01253375	35.00	50.25	Z77695	09	35.00				16B	C	07153	00	L
A	2639	51	50	10	00	00004	B4	0302211	X01253375	26.63	26.63	Z77695	61	26.63				6A	C	08203	00	L
A	2640	59	50	10	00	00004	B4	0302211	X01253375	21.55	37.99	H19539	39	21.55				36B	C	08293	00	L
A	2642	06	50	10	00	00004	B4	0302211	X01253375	30.00	30.00	H19539	70	30.00				16H	C	09123	00	L
A	2642	07	50	10	00	00004	B4	0302211	X01253375	81.26	81.26	H19539	73	81.26				16H	C	09123	00	L
A	2644	17	50	10	00	00004	B4	0302211	X01253375	35.00	35.00	Z77696	17	35.00				17A	C	09123	00	L
A	2645	11	50	10	00	00004	B4	0302211	X01253375	12.59	12.59	H59358	03	12.59				26T	C	09183	00	L
A	2645	12	50	10	00	00004	B4	0302211	X01253375	73.77	73.77	H59358	01	73.77				26T	C	09183	00	L
A	2645	13	50	10	00	00004	B4	0302211	X01253375	75.14	75.14	H19539	76	75.14				26T	C	09183	00	L
A	2645	14	50	10	00	00004	B4	0302211	X01253375	10.47	10.47	Z77696	32	10.47				26T	C	09183	00	L
A	308267	01	75	50	00	00020	40	312130	X01253310	10.00	7.30	42632C	01	7.30				12R	C	07153	04	L
A	308270	01	73	90	00	00005	04	0312070	X01253310	54.00	54.00							21C		09183	04	L
A	308271	01	50	20	00	00005	04	0312130	X01253310	21.40	21.40							26S		09183	04	L
A	322848	01	73	90	00	00005	04	0302340	X01253333	1668.00	1668.00	44696C	01	1668.00				1G	C	08203	04	L
A	388479	01	73	90	00	00005	04	0302890	X01253319	3726.00	3726.00							11C		09123	06	L
A	402168	05	02	20	00	00004	B4	0302341	X01253310	300.00	300.00							19K		04103	06	L
A	405516	01	75	90	00	00005	04	0302860	X01253319	120.00	137.30	44818C	01	154.21				11C	C	09123	04	L
A	405517	01	50	20	00	00005	04	0302420	X01253319	2.05	11.48	44976C	01	11.48				11D	C	09123	04	L
A	405517	02	50	20	00	00005	04	0302420	X01253319	2.05	2.05							11D		09123	04	L
A	405517	03	50	20	00	00005	04	0302420	X01253319	2.05	2.05							11D		09123	04	L
A	405518	01	50	20	00	00005	04	0312140	X01253319	159.00	159.00	44977C	01	159.00				11D	C	09123	04	L
A	405518	02	50	20	00	00005	04	0312140	X01253319	29.75	24.75	44977C	02	24.75				11D	C	09123	04	L
A	405520	01	73	90	00	00005	04	0302520	X01253319	50.00	50.00	45315C	01	50.00				11S	C	09123	04	L
A	504872	01	75	50	00	00005	04	0312140	X01253355	50.00	26.14	43122C	03	26.14				21K	C	08223	04	L
A	509014	01	50	10	00	00005	04	0302580	X01253310	6760.00	6760.00							13K		07153	06	L
A	520016	01	50	20	00	00005	04	0312110	X01253321	145.60	112.32	44926C	01	112.32				11D	C	09123	04	L
A	520817	01	73	90	00	00005	04	0302340	X01253373	500.00	500.00							21C		09183	04	L
A	522644	01	73	90	00	00005	04	0312070	X01253372	96.30	78.96	44803C	01	98.70				11C	C	09123	04	L
A	525006	01	50	10	00	00004	A4	0312081	X01253395	36.00	30.00	41984C	01	30.00				19K	C	06263	04	L
A	525006	02	50	10	00	00004	A4	0312081	X01253395	42.00	24.00	41984C	02	24.00				19K	C	06263	04	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR G/L YAS CLS NUMBER DIV	PMF OBJ JOB ORD	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	BUY DATE	OFF	L P
A525008	01	022000000050403120	40X01253395	33.00	74.07	42112C		01	57.60					11A	C	07153	04	L
A525010	01	791000000050403120	80X01253395	117.00	104.00	42852C		01	104.00					11G	C	07153	04	L
A528838	01	502000000050403120	70X01253385	192.00	188.80	45085C		01	92.00	45085C		02	96.80	11D	C	09123	04	L
A528840	01	791000000050403121	50X01253385	35.00	22.10	417441		01	22.10					11S	C	09123	04	L
A528841	01	739000000050403121	50X01253385	28.20	28.20	45105C		01	28.20					11S	C	09123	04	L
A528841	02	739000000050403121	50X01253385	20.10	20.10	45105C		02	20.10					11S	C	09123	04	L
A529114	01	50100000003A40315551	X01253375	499.00	499.00	41094C		01	499.00					19K	C	06263	04	L
A529114	02	50100000003A40315551	X01253375	237.00	237.00	41094C		02	237.00					19K	C	06263	04	L
A529114	03	50100000003A40315551	X01253375	425.00	425.00	41094C		03	425.00					19K	C	06263	04	L
A529114	04	50100000003A40312161	X01253375	24.00	24.00	41094C		04	24.00					19K	C	06263	04	L
A529187	01	50100000003A40312161	X01253375	144.00	115.16	41812C		01	115.16					19K	C	06273	04	L
A529187	02	50100000003A40315521	X01253375	440.00	365.80	41812C		02	376.00					19K	C	06273	04	L
A529187	03	50100000003A40312161	X01253375	52.00	51.76	41812C		03	53.20					19K	C	06273	04	L
A529187	04	50100000003A40312161	X01253375	38.00	37.80	41812C		04	37.80					19K	C	06273	04	L
A530795	01	739000000050403121	50X01253325	245.00	268.11	42689C		01	245.00					12R	C	07153	04	L
A530796	01	791000000050403120	40X01253325	25.00	29.14	42121C		01	31.00					11N	C	07153	04	L
A530796	02	791000000050403120	40X01253325	25.00	31.00	42121C		02	31.00					11N	C	07153	04	L
A530796	03	791000000050403120	40X01253325	25.00	31.00	42121C		03	31.00					11N	C	07153	04	L
A534060	01	770000000050403120	30X01253390	12.00	11.17	42538C		01	11.40					12H	C	07153	04	L
A536044	01	759000000050403120	70X01253325	169.60	127.79	42780C		01	130.40					13J	C	07153	04	L
A539552	01	491000000050403120	40X01253375	420.00	81.82	42160C		01	333.96					11D	C	07153	04	L
A540151	01	770000000050403121	30X01253374	50.00	50.00									22B		08223	04	L
A543940	01	50100000002B40302891	X01253326	200.00	14.10	41190C		01	12.32					19L	C	06113	01	L
A545102	01	502000000050403121	20X01253351	150.00	109.67	42321C		01	112.00					11N	C	07153	04	L
A546615	01	50100000002B40312111	X01253326	300.00	227.70	41885C		01	255.60					19L	C	06263	04	L
A546616	01	50100000002B40312021	X01253326	369.76	369.76	41995C		01	369.76					19L	C	06273	04	L
A548132	02	50100000002B40312101	X01253326	320.00	217.76	42144C		01	217.00					19L	C	06283	04	L
A548696	01	502000000050403121	30X01253319	130.00	120.00	45091C		01	120.00					11D	C	09123	04	L
A551847	01	50100000002B40315521	X01253355	590.00	595.00	42661C		01	595.00					19L	C	05213	04	L
A551847	02	50100000002B40315521	X01253355	70.00	70.00	42661C		02	70.00					19L	C	05213	04	L
A554114	01	759000000050403120	70X01253319	13.50	15.84	43184C		01	15.84					21H	C	08223	04	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR G/L YAS CLS NUMBER DIV	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	DATE	BUY OFF	L P
A554114	02	7590000000504031207 0X01253319	21.00	19.92	43184C		02	22.38					21H	C	08223	04	L
A554114	03	7590000000504031207 0X01253319	30.00	31.92	43184C		03	31.92					21H	C	08223	04	L
A554114	04	7590000000504031207 0X01253319	39.00	42.30	43184C		04	42.30					21H	C	08223	04	L
A554114	05	7590000000504031207 0X01253319	5.40	6.48	43184C		05	6.48					21H	C	08223	04	L
A554114	06	7590000000504031207 0X01253319	7.80	6.24	43184C		06	6.24					21H	C	08223	04	L
A554114	07	7590000000504031207 0X01253319	12.00	9.60	43184C		07	9.60					21H	C	08223	04	L
A554114	08	7590000000504031207 0X01253319	24.00	36.60	43185C		01	36.60					21H	C	08223	04	L
A554114	09	7590000000504031207 0X01253319	9.50	9.00	43184C		08	9.00					21H	C	08223	04	L
A554114	10	7590000000504031207 0X01253319	4.60	4.12	43184C		09	4.12					21H	C	08223	04	L
A554114	11	7590000000504031207 0X01253319	2.55	2.22	43184C		10	2.22					21H	C	08223	04	L
A554114	12	7590000000504031207 0X01253319	14.40	18.90	43184C		11	18.90					21H	C	08223	04	L
A554114	13	7590000000504031207 0X01253319	14.40	18.90	43184C		12	18.90					21H	C	08223	04	L
A554114	14	7590000000504031207 0X01253319	14.40	18.90	43184C		13	18.90					21H	C	08223	04	L
A554114	15	7590000000504031207 0X01253319	14.40	18.90	43184C		14	18.90					21H	C	08223	04	L
A554116	01	7390000000504031213 0X01253319	45.20	290.40	41725C		01	52.80	41725C		02	79.20	11C	C	09123	04	L
A554116	02	7390000000504031213 0X01253319	66.80	66.80									11C		09123	04	L
A554116	03	7390000000504031213 0X01253319	67.80	67.80									11C		09123	04	L
A554116	04	7390000000504031213 0X01253319	66.80	66.80									11C		09123	04	L
A554733	01	7590000000504031204 0X01253325	24.00	16.87	45340C		02	16.87					21B	C	09183	04	L
A554800	01	7390000000504031209 0X01253325	28.20	16.32	42324C		01	15.70					11J	C	07153	04	L
557527	01	7590000000504031215 0X01253375	1325.00	1559.25	43069C		01	1575.00					13J	C	07153	04	L
A557947	01	7390000000504031207 0X01253370	231.00	252.66	44629C		01	257.82					21S	C	08223	04	L
A557948	01	5020000000504031201 0X01253355	33.40	32.63	43001C		01	33.30					13L	C	07153	04	L
A557995	01	7550000000504031209 0X01253370	18.75	9.55	417315		01	9.75					11U	C	09123	04	L
A558164	01	5020000000504031208 0X01253319	220.00	220.00	43037C		01	220.00					13L	C	07153	04	L
A558196	01	7390000000504030289 0X01253319	138.00	138.00									21C		09183	06	L
A558455	01	0220000000504030271 0X01253386	1525.00	1525.00	36723C		01	1525.00					11B	C	07153	03	L
A559039	01	5020000000504031208 0X01253355	9.90	5.09	44975C		01	5.09					11S	C	09123	04	L
A559138	01	5020000000504030289 0X01253333	440.00	437.80	44317C		01	440.00					11D	C	09123	01	L
A560541	01	7550000000504031215 0X01253325	140.00	140.00	45229C		01	140.00					11U	C	09123	04	L
A560549	01	7390000000504031206 0X01253325	20.00	16.00	42929C		02	16.00					13K	C	07153	04	L
A560685	01	5020000000504031203 0X01253372	64.00	64.00									11S		09123	04	L
A562702	01	7910000000 3A4031212 0X01253395	108.00	21.80	42566C		01	142.40					12H	C	07153	04	L
A562702	02	7910000000 3A4031212 0X01253395	70.00	104.48	42566C		02	98.80					12H	C	07153	04	L
A562707	01	7390000000504031208 0X01253395	120.00	115.20	44802C		01	115.20					11C	C	09123	04	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR G/L YAS CLS NUMBER DIV	PMF OBJ JOB ORD	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	BUY DATE	L OFF	P
A562810	01	501000000050403028	90X01253355	1500.00	1326.00	41331C		01	1326.00					11P	C	07153	01	L
A562811	01	502000000050403028	90X01253355	2300.00	1580.00	41343C		01	1580.00					12P	C	07153	01	L
A562812	01	791000000050403120	80X01253355	35.00	32.63	44584C		01	33.30					21S	C	08223	04	L
A562814	01	502000000050403028	90X01253355	80.00	80.00									11N		07153	01	L
A563106	01	501000000040403121	21X01253385	212.40	212.40									19L		06113	04	L
A563107	01	501000000050403028	90X01253385	616.00	552.00	41295C		01	552.00					11G	C	07153	01	L
A563108	01	501000000050403120	90X01253385	26.00	24.85	42111C		01	25.36					11P	C	07153	04	L
A563109	01	759000000050403120	40X01253385	71.75	71.03	42397C		01	71.75					12B	C	07153	04	L
A563110	01	769000000050403120	60X01253385	21.00	18.44	44651C		04	18.78					22B	C	08223	04	L
A563110	02	769000000050403120	60X01253385	24.00	22.44	44651C		05	22.44					22B	C	08223	04	L
A563203	01	759000000050403121	50X01253385	65.00	50.18	43144C		01	51.20					21H	C	08223	04	L
A563216	01	502000000050403120	40X01253385	42.50	45.70	42882C		01	44.40					12P	C	07153	04	L
A563216	02	502000000050403120	40X01253385	9.60	10.20	42882C		02	10.20					12P	C	07153	04	L
A563216	03	502000000050403120	40X01253385	30.60	30.60	42882C		03	30.60					12P	C	07153	04	L
A563216	04	502000000050403120	40X01253385	30.60	45.00	42882C		04	45.00					12P	C	07153	04	L
A563216	05	502000000050403120	40X01253385	30.60	45.00	42882C		05	45.00					12P	C	07153	04	L
A563216	06	502000000050403120	40X01253385	9.60	10.75	42882C		06	10.20					12P	C	07153	04	L
A563216	07	502000000050403120	40X01253385	72.00	69.45	42882C		07	72.00					12P	C	07153	04	L
A563221	01	755000000050403121	60X01253385	270.00	270.00	45134C		01	270.00					11U	C	09123	04	L
A563223	01	769000000050403120	30X01253385	16.20	16.20									21B		09183	04	L
A563276	01	502000000050403120	60X01253385	72.00	58.33	42544C		01	58.62					12P	C	07153	04	L
A563278	01	022000000050403121	10X01253385	18.00	18.09	42036C		01	18.09					11A	C	07153	04	L
A563278	02	022000000050403121	10X01253385	15.00	14.07	42036C		02	14.07					11A	C	07153	04	L
A563278	03	022000000050403121	10X01253385	16.00	18.09	42036C		03	18.09					11A	C	07153	04	L
A563278	04	022000000050403121	10X01253385	24.00	28.14	42036C		04	28.14					11A	C	07153	04	L
A563278	05	022000000050403121	10X01253385	15.00	11.15	42036C		05	11.15					11A	C	07153	04	L
A563278	06	022000000050403121	30X01253385	120.00	90.00	42517C		01	90.00					11A	C	07153	04	L
A563278	07	022000000050403120	90X01253385	5.00	5.00	42037C		01	5.00					11A	C	07153	04	L
A563278	08	022000000050403120	90X01253385	8.00	7.20	42037C		02	7.20					11A	C	07153	04	L
A563278	09	022000000050403120	90X01253385	16.00	14.83	42037C		03	14.40					11A	C	07153	04	L
A563301	01	739000000050403120	30X01253385	30.00	24.30	44543C		14	24.30					13K	C	07153	04	L
A563301	02	739000000050403120	30X01253385	9.00	5.67	44599C		03	5.67					13K	C	07153	04	L
A563301	03	739000000050403120	30X01253385	39.00	30.90	44543C		15	30.90					13K	C	07153	04	L
A563301	04	739000000050403120	30X01253385	24.00	24.00									36G		09263	04	L
A563303	01	502000000050403120	30X01253385	30.00	24.30	44543C		16	24.30					13L	C	07153	04	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR G/L YAS CLS NUMBER DIV	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER DRAW NUMBER AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER DRAW NUMBER AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	BUY DATE	L OFF P
A563303	02	502000000050403120 30X01253385	9.00	5.67	44599C	02	5.67				13L	C	07153	04 L
A563303	03	502000000050403120 30X01253385	39.00	30.90	44543C	17	30.90				13L	C	07153	04 L
A563303	04	502000000050403120 30X01253385	24.00	24.00							36G		09263	04 L
A563305	01	502000000050403120 30X01253385	240.00	242.00	44543C	05	242.00				13L	C	07153	04 L
A563305	02	502000000050403120 30X01253385	6.00	9.90	44543C	06	9.90				13L	C	07153	04 L
A563305	03	502000000050403120 30X01253385	9.00	17.82	44543C	07	17.82				13L	C	07153	04 L
A563305	04	502000000050403120 30X01253385	9.00	17.82	44543C	08	17.82				13L	C	07153	04 L
A563305	05	502000000050403120 30X01253385	9.00	17.82	44543C	09	17.82				13L	C	07153	04 L
A563305	06	502000000050403120 30X01253385	9.00	17.82	44543C	10	17.82				13L	C	07153	04 L
A563305	07	502000000050403120 30X01253385	240.00	199.61	44543C	11	206.00				13L	C	07153	04 L
A563305	08	502000000050403120 30X01253385	60.00	36.63	44599C	01	37.80				13L	C	07153	04 L
A563305	09	502000000050403120 30X01253385	60.00	59.84	44554C	01	59.84				13L	C	07153	04 L
A563305	10	502000000050403120 30X01253385	402.00	402.00							36G		09263	04 L
A563305	11	502000000050403120 30X01253385	13.14	13.14							36G		09263	04 L
A563305	12	502000000050403120 30X01253385	13.14	13.14							36G		09263	04 L
A563305	13	502000000050403120 30X01253385	13.14	13.14							36G		09263	04 L
A563305	14	502000000050403120 30X01253385	13.14	13.14							36G		09263	04 L
A563305	15	502000000050403120 30X01253385	13.14	13.14							36G		09263	04 L
A563316	01	769000000050403120 30X01253385	78.00	68.70	44697C	01	69.39				22B	C	08223	04 L
A563316	02	769000000050403120 30X01253385	360.00	150.00	44698C	01	150.00				22B	C	08223	04 L
A563316	03	769000000050403120 30X01253385	36.00	33.30	44698C	02	33.30				22B	C	08223	04 L
A563316	04	769000000050403120 30X01253385	12.00	10.48	44691C	01	10.69				22B	C	08223	04 L
A563320	01	769000000050403120 30X01253385	30.00	30.00							11C		09123	04 L
A563327	01	759000000050403121 60X01253385	240.00	52.50	44630C	01	52.50				13J	C	07153	04 L
A563389	01	502000000050403121 30X01253385	154.50	153.73	45028C	01	154.50				11D	C	09123	04 L
A563403	01	739000000050403120 60X01253385	40.00	45.36	44766C	01	45.36				22B	C	08223	04 L
A563403	02	739000000050403120 60X01253385	20.00	19.54	44766C	02	19.54				22B	C	08223	04 L
A563649	01	739000000050403120 10X01253325	30.00	51.84	44635C	01	51.84				21S	C	08223	04 L
A564552	01	491000000050403023 40X01253333	417.00	417.00	42175C	01	417.00				11D	C	07153	04 L
A564552	02	491000000050403023 40X01253333	417.00	417.00	42175C	02	417.00				11D	C	07153	04 L
A564552	03	491000000050403023 40X01253333	834.00	834.00	42175C	03	834.00				11D	C	07153	04 L
A564644	01	769000000050403120 20X01253321	16.80	16.80	45104C	01	16.80				22B	C	08223	04 L
A566616	01	502000000050403028 50X01253371	934.00	1500.00	41638C	01	1500.00				12B	C	07153	03 L
A566639	01	759000000050403023 40X01253371	225.00	225.00	44922C	01	225.00				11C	C	09123	04 L
A569555	01	501000000028403120 71X01253371	150.00	104.97	41088C	01	93.82				19L	C	06273	04 L
A569556	01	501000000028403120 71X01253371	98.25	93.75	41848C	01	93.75				19L	C	06273	04 L
A569556	02	501000000028403120 71X01253371	196.50	177.00	41848C	02	177.00				19L	C	06273	04 L
A569561	01	501000000028403120 91X01253371	40.32	42.34	41093C	05	43.20				19L	C	06273	04 L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR	G/L YAS	PMF CLS	OBJ NUMBER	JOB ORD DIV	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	DATE	BUY OFF	L P
A569561	02	501	00000	002B	40312	091X01253371	6.00	5.07	41093C		06	5.40					19L	C	06273	04	L
A569564	01	501	00000	002B	40312	071X01253371	35.70	35.70	41090C		01	35.70					19L	C	06273	04	L
A569569	01	501	00000	002B	40312	011X01253371	393.60	360.80	41846C		01	360.80					19L	C	06273	04	L
A569576	01	501	00000	0050	40302	891X01253371	2000.00	2000.00	41240C		01	2000.00					19L	C	06273	01	L
A569579	01	022	00000	0050	40302	890X01253371	1500.00	1500.00	41310C		01	1500.00					11B	C	07153	01	L
A569593	01	501	00000	0050	40302	891X01253371	1470.00	1350.00	41300C		01	1350.00					19L	C	06273	01	L
A569596	01	022	00000	0050	40302	890X01253371	1470.00	1350.00	41296C		01	1350.00					11B	C	07153	01	L
A569599	01	022	00000	0050	40302	890X01253371	1080.00	1956.00	41323C		01	1956.00					11A	C	07153	01	L
A569599	02	022	00000	0050	40302	890X01253371	420.00	420.00									11A		07153	01	L
A569599	03	022	00000	0050	40302	890X01253371	456.00	456.00									11A		07153	01	L
A569719	01	739	00000	0050	40312	090X01253371	80.00	80.00	43079C		01	80.00					1G	C	08203	04	L
A569727	01	759	00000	0050	40312	080X01253371*	15.72	15.72									21H		08223	04	L
A569727	01	P/R DEL				*	15.72-	15.72-				-					-26C		09183	04	L
A569736	01	739	00000	0050	40312	070X01253371	156.00	156.00	44627C		01	156.00					21S	C	08223	04	L
A569740	01	739	00000	0050	40312	070X01253371	196.50	201.00	44765C		01	201.00					22B	C	08223	04	L
A569741	01	739	00000	0050	40312	010X01253371	211.20	307.33	44789C		01	313.60					11C	C	09123	04	L
A569749	01	502	00000	0050	40312	010X01253371	313.60	236.00	45034C		01	236.00					11S	C	09123	04	L
A569752	01	769	00000	0050	40312	010X01253371	240.00	240.00									21B		09183	04	L
A569846	01	502	00000	0050	40312	140X01253326	58.00	57.42	42954C		01	58.00					13L	C	07153	04	L
A569870	01	501	00000	002B	40302	891X01253326	390.00	207.90	41278C		01	210.00					19L	C	06273	01	L
A569871	01	759	00000	0050	40302	890X01253326	175.00	175.00	41328C		01	175.00					12B	C	07153	01	L
A569882	01	022	00000	0050	40302	890X01253326	80.00	80.00	41271C		01	80.00					11A	C	07153	01	L
A569883	01	759	00000	0050	40312	030X01253326	240.00	92.39	42794C		01	91.80					13J	C	07153	04	L
A569884	01	759	00000	0050	40312	050X01253326	12.80	12.61	42756C		01	12.74					13J	C	07153	04	L
A570365	01	759	00000	0050	40302	890X01253355	720.00	626.85	41230C		01	630.00					13J	C	07153	01	L
A570366	01	770	00000	0050	40302	890X01253355	600.00	522.37	41344C		01	525.00					12H	C	07153	01	L
A570367	01	739	00000	0050	40302	890X01253385	490.00	485.10	41355C		01	490.00					12R	C	07153	01	L
A570370	01	759	00000	0050	40302	890X01253355	50.00	49.50	44270C		01	50.00					11C	C	09123	01	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR G/L YAS CLS NUMBER DIV	COMMITMENTS	COMMITMENTS ADJUSTED AMT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	BUY DATE	OFF	L P
A573742	01	7550000000504030289 0X01253385	135.00	135.00	44328C		01	135.00					11U	C	09123	01	L
A574303	01	7910000000504030234 0X01253325	500.00	500.00	45101C		01	500.00					11S	C	09123	04	L
A574671	01	7910000000504031215 0X01253321	30.60	30.60	416653		01	30.60					11S	C	09123	04	L
A574671	02	7910000000504031215 0X01253321	13.00	13.00	416653		02	13.00					11S	C	09123	04	L
A574671	03	7910000000504031215 0X01253321	12.00	12.00	416653		03	12.00					11S	C	09123	04	L
A575129	01	7390000000504031215 0X01253325	20.40	21.25	42313C		01	20.40					11H	C	07153	04	L
A575718	01	7390000000504031206 0X01253385	87.60	74.06	42912C		01	72.80					13H	C	07153	04	L
A575719	01	7390000000504031209 0X01253385	20.00	24.29	42909C		01	23.50					13H	C	07153	04	L
A576243	02	7700000000504031203 0X01253385	130.00	141.00	44542C		01	141.00					36U	C	08293	04	L
A576262	01	5010000000 2B40312031X01253385	98.00	56.99	42158C		01	57.68					19L	C	06263	04	L
A576262	02	5010000000 2B40312031X01253385	96.00	83.80	42158C		02	83.80					19L	C	06263	04	L
A576262	03	5010000000 2B40312031X01253385	154.00	168.30	42158C		03	168.30					19L	C	06263	04	L
A576262	04	5010000000 2B40312031X01253385	56.00	85.52	42158C		04	85.52					19L	C	06263	04	L
A576262	05	5010000000 2B40312031X01253385	96.00	49.98	42158C		05	50.48					19L	C	06263	04	L
A576262	06	5010000000 2B40312031X01253385	14.00	11.37	42158C		06	11.37					19L	C	06263	04	L
A576262	07	5010000000 2B40312031X01253385	24.00	16.38	41974C		02	16.87					19L	C	06263	04	L
A576262	08	5010000000 2B40312031X01253385	4.50	7.72	41974C		03	7.72					19L	C	06263	04	L
A576262	09	7590000000504031203 0X01253385	168.30	118.77	44805C		01	122.10					36L	C	08293	04	L
A576262	10	7590000000504031203 0X01253385	85.52	44.40	44805C		02	44.40					36L	C	08293	04	L
A576274	01	7390000000504031203 0X01253385	140.00	91.00	42452C		06	91.00					11H	C	07153	04	L
A576274	02	7390000000504031203 0X01253385	130.00	133.87	42452C		07	139.00					11H	C	07153	04	L
A576274	03	7390000000 3A40312030X01253385	140.00	140.00									36K		09263	04	L
A576276	01	7700000000504031203 0X01253385	50.00	40.50	44543C		12	40.50					13G	C	07153	04	L
A576276	02	7700000000504031203 0X01253385	65.00	51.50	44543C		13	51.50					13G	C	07153	04	L
A576276	03	7700000000504031203 0X01253385	15.00	9.45	44599C		04	9.45					13G	C	07153	04	L
A576276	04	7700000000504031203 0X01253385	40.00	40.00									36G		09263	04	L
A576432	01	5020000000504031207 0X01253319	124.50	119.44	44528C		02	120.65					13L	C	07153	04	L
A576433	01	5020000000504031213 0X01253319	225.50	223.24	44528C		01	225.50					13L	C	07153	04	L
A576447	01	5020000000504031208 0X01253319	17.40	17.40									26S		09183	04	L
A576447	02	5020000000504031208 0X01253319	18.60	18.60									26S		09183	04	L
A578025	01	7700000000504031208 0X01253372	176.00	176.00	45226C		01	176.00					11X	C	09123	04	L
A578340	01	7690000001804030289 0X01253326	25.67	25.67	44234C		01	25.67					21J	C	08223	01	L
A578343	01	7390000000504030289 0X01253319	243.00	242.70	44264C		01	242.70					22B	C	08223	01	L
A578775	01	7390000000504030289 0X01253352	300.00	300.00	42987C		01	300.00					11H	C	07153	04	L

P/R NUMBER	P/R L/I	PROJ RTOP SUBPR	G/L YAS	PMF OBJ CLS	JOB NUMBER	CRD DIV	COMMITMENTS	COMMITMENTS ADJUSTED	OBLIGATING ORDER NUMBER	DRAW AMD	P/O L/I	OBLIGATION AMOUNT	OBLIGATING ORDER NUMBER	DRAW AMD	P/C L/I	OBLIG AMOUNT	PURCHASE REQUEST CYC BAT	P C	DATE	BUY OFF	L P
A578775	02	7390	00	0005	040302	890X	01253352	300.00	40.00	42987C		02	40.00				11H	C	07153	04	L
A578775	03	7390	00	0005	040302	890X	01253352	30.00	300.00	42987C		03	300.00				11H	C	07153	04	L
A578973	01	5010	00	0002	B40312	031X	01253321	62.00	72.27	41879C		02	74.00				19L	C	06273	04	L
A581416	01	7550	00	0005	040302	890X	01253319	934.00	934.00	44227C		01	934.00				21K	C	08223	01	L
A581417	01	7590	00	0005	040312	070X	01253319	3.00	2.67	43131C		01	2.67				21H	C	08223	04	L
A581417	02	7590	00	0005	040312	070X	01253319	3.00	2.67	43131C		02	2.67				21H	C	08223	04	L
A581417	03	7590	00	0005	040312	070X	01253319	3.00	2.67	43131C		03	2.67				21H	C	08223	04	L
A581417	04	7590	00	0005	040312	070X	01253319	4.20	3.30	43131C		04	3.30				21H	C	08223	04	L
A581418	01	7910	00	0005	040312	160X	01253319	399.00	399.00	44610C		01	399.00				21S	C	08223	04	L
A581418	02	7910	00	0005	040312	160X	01253319	17.00	17.00								21S		08223	04	L
A581419	01	7910	00	0005	040312	130X	01253319	294.90	241.20	44625C		01	241.20				21S	C	08223	04	L
A581420	01	7590	00	0005	040302	890X	01253319	2427.00	2427.00	44256C		01	2427.00				22B	C	08223	01	L
A581421	01	7690	00	0005	040312	070X	01253319	6.00	5.30	44690C		01	5.30				22B	C	08223	04	L
A581421	02	7690	00	0005	040312	070X	01253319	6.00	5.30	44690C		02	5.30				22B	C	08223	04	L
A581421	03	7690	00	0005	040312	070X	01253319	6.00	5.30	44690C		03	5.30				22B	C	08223	04	L
A581421	04	7690	00	0005	040312	070X	01253319	6.00	5.30	44690C		04	5.30				22B	C	08223	04	L
A581421	05	7690	00	0005	040312	070X	01253319	6.00	5.98	44690C		05	5.98				22B	C	08223	04	L
A581421	06	7690	00	0005	040312	070X	01253319	6.00	5.98	44690C		06	5.98				22B	C	08223	04	L
A581421	07	7690	00	0005	040312	070X	01253319	6.00	5.98	44690C		07	5.98				22B	C	08223	04	L
A581421	08	7690	00	0005	040312	070X	01253319	6.00	5.98	44690C		08	5.98				22B	C	08223	04	L
A581421	09	7690	00	0005	040312	070X	01253319	6.00	5.98	44690C		09	5.98				22B	C	08223	04	L
A581421	10	7690	00	0005	040312	070X	01253319	6.00	5.98	44690C		10	5.98				22B	C	08223	04	L
A581421	11	7690	00	0005	040312	070X	01253319	6.00	5.98	44690C		11	5.98				22B	C	08223	04	L
A581422	01	5020	00	0005	040312	080X	01253319	6.00	5.34	44927C		01	5.34				11D	C	09123	04	L
A581422	02	5020	00	0005	040312	080X	01253319	6.00	5.34	44927C		02	5.34				11D	C	09123	04	L
A581422	03	5020	00	0005	040312	080X	01253319	6.00	5.34	44927C		03	5.34				11D	C	09123	04	L
A581422	04	5020	00	0005	040312	080X	01253319	6.00	5.34	44927C		04	5.34				11D	C	09123	04	L
A581422	05	5020	00	0005	040312	080X	01253319	6.00	5.34	44927C		05	5.34				11D	C	09123	04	L
A581422	06	5020	00	0005	040312	080X	01253319	6.00	5.34	44927C		06	5.34				11D	C	09123	04	L
A581422	07	5020	00	0005	040312	080X	01253319	6.00	5.34	44927C		07	5.34				11D	C	09123	04	L
A581422	08	5020	00	0005	040312	080X	01253319	6.00	5.34	44927C		08	5.34				11D	C	09123	04	L
A582093	01	7390	00	0005	040312	080X	01253370	411.00	400.14	45319C		01	411.00				21C	C	09183	04	L
A582093	02	7390	00	0005	040312	080X	01253370	54.00	54.00	45319C		02	54.00				21C	C	09183	04	L
A582093	03	7390	00	0005	040312	080X	01253370	54.00	54.00	45319C		03	54.00				21C	C	09183	04	L
A582093	04	7390	00	0005	040312	080X	01253370	24.00	24.00	45319C		04	24.00				21C	C	09183	04	L
A583402	01	5020	00	0005	040312	020X	01253351	132.50	132.50								26S		09183	08	L
A583714	01	7590	00	0005	040312	150X	01253355	57.60	57.01	44649C		01	57.60				22B	C	08223	04	L
A583714	02	7590	00	0005	040312	150X	01253355	12.00	12.00	44649C		02	12.00				22B	C	08223	04	L

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TOTAL P/R-S	143
TOTAL LINE ITEMS	269