

28445

15

ADS 3264

32

Y 223

+15 32

+300

24 181  
47

HP 1422

1080

20955

180.0

A'sup, 89/83

0245

84,433

1.00 Bump P.

5.55

+104-025 00

H 9.0.0 →

Mony n 60/1000

2.57

5m 223

157.59 - 23.82

7/377

+100730 6222 70

Σ n 2.57

+100752 - 0213

2 1.0  
1.1.55

A'sup

+100737 - 0798

150886

1065  
107-0215  
8510 9082  
8688 - 2201  
2442

1097

110

+10226

0533

+0.55

0224

3.20

63

919 393 268 963 +104 -025 +30 -007 +8 -114 ✓

-096 006 039 -003 -441 213 +29 +12 +27 0245 ✓

-6 +36 +3

[+32 -17 0]

1422

80700

8407

25-0222

7L

100730 ~~100730~~

100752

-0213

5001

9705

1094

0052

39.83

100737 -0145

8600

2405

11.1

2.40

1066

1093-0212

0228

3.21

196 197 216 2.240

6.8 4 4.73 2.3

115 31

5.16  
5.16  
2.66 2

576

20

1945

1945

1945

0.723  
0.582  
-0.373  
0.000  
0.000

" M  
" MP  
" (M) 03  
" (M) 02  
" (M) 01

42

" M  
" MP  
" 03

30869  
A053453  
0324 170 444 2648  
974 45.0 +12 34  
433.58

US 124  
CUS420  
FL FS  
0258

h-y  
0324  
210811  
079 -023

080 -024.5  
br  
X0N1

4264 9462  
9045 -2355

013610027

4774022  
0204

4105  
p0651  
03.91 2109

16.00 9055 -2476  
4171 9655  
0884 1075  
-034  
075 8110

Always sig. D. km

35  
201  
08 45.05  
414 9842  
9059 -2481

h



4,750	:	P.A.
13,000	:	DEC.
0,000	:	P.A.
0,000	:	DEC.
0,000	:	FINCE
10	:	PLUS
0,000	:	VEL.
0,217	:	(U)
0,271	:	(U)
0,238	:	(U)
0,000	:	U
0,000	:	U
-0,211	:	(U)
0,787	:	(V)
-0,082	:	(V)
0,000	:	U
0,000	:	V
0,781	:	(W)
0,222	:	(W)
-0,332	:	(W)
0,000	:	U
0,000	:	U

*MA*

R.A. : - 4.750  
DEC. : 13.600  
R.A. : 0.000  
DEC. : 0.000  
ANCE : 0.000  
ULUS : 10  
VEL. : 0.000

(U) : 0.217  
2 (U) : 0.271  
3 (U) : 0.938  
dU : 0.000  
U : 0.000

1 (V) : -0.611  
2 (V) : 0.787  
3 (V) : -0.085  
dV : 0.000  
V : 0.000

1 (W) : 0.761  
2 (W) : 0.555  
3 (W) : -0.336  
dW : 0.000  
W : 0.000



31518  
 46780  
 ADS 5237  
 6589  
 4259  
 +0011683  
 -0006  
 33.3  
 +27 19  
 -095558  
 -104  
 19  
 →

Needs Adv on  
 +25.4-81  
 -0005-V-199  
 1  
 New Number

March 5m

18.489 1902.0 +27 19 19.42 1894.3 +015 -095 -6-17923

-053  
 436  
 38528  
 44465  
 28.0  
 5.27  
 24.69  
 +0004-101  
 -013 -055  
 0308

36.22  
 1931.77  
 1894  
 20.94  
 3.75  
 4130  
 30.6  
 36.1  
 2.14  
 0297  
 +070 417

44465  
 23530  
 18.390  
 18.390  
 396  
 39  
 425  
 32.01  
 520  
 2191  
 22164  
 21.121  
 21.121  
 33  
 20.54  
 192953  
 192953  
 36.1  
 2.177

+0011 = 823      -0955 = 558

8.05 - 93.10      1.4 489 2.0

19.42 945

2 97.72 21.69

$$p = 114.5$$

$$a = 0.86$$

Er

-00057 - 0964 76

-00027 - 0957  
-00057 - 0943

1500  
-0007 - 094

8900

0942 8922  
0083 018  
+0555

-1043  
-4940

3569

9341

19.1  
98.9  
278.3  
96.1

0775  
280

+47.5

1.54 9E 2.1E

Handwritten notes on a piece of paper, possibly a calendar or a list, with some numbers and symbols. The text is written in a cursive or shorthand style and is oriented vertically. It includes a small diagram at the top left and several lines of text, some of which appear to be dates or numerical sequences.

000. 0  
000. 0  
001. 0  
004. 0  
000. 0

000. 0

" M  
" MP  
" CM  
" CM  
" CM

Handwritten signature

" C  
" P  
" 00

8 57.2 +40 59 ENT

487167 - 21429

~03435 - 3499

60.86 56.80

(1283)  
-438.6 ~247.9

11 490

5011  
~0524

7551 - 5146  
6552 - 5800

5244  
7072

22





22

5.45 B. 69 N. 90.00 996  
2027 1000 11.22

Handwritten notes on the left side of the paper, including a large 'A' and some illegible scribbles.

Handwritten notes on the right side of the paper, including a large 'B' and some illegible scribbles.

000.0  
000.0  
001.0  
001.0  
000.0

M  
MP  
CM  
CM  
CM

AL  
0000  
0000  
10

workday 12 30.8 + 0.9 18

208 or

-1.742

212 M

-1.737 ~~0.212~~ 11

218 V

~~Pr~~ 16.2

-1.731 + 0.212 = 11

224 S

-1.734 + 0.212

-1.736 + 0.212 = 208

10000 - 9433

1.749 ✓

-0074 1159

~~0.94~~  
-0.35

0.182

1.81

4.38

$$X = (f_{12}) - 0.53(R+I)$$

237

$$\sum m_i f_{12} (0.2)$$

per 1000

$$f_{12} =$$

$$4405 (f_{12}) - 4.05 (R+I)$$

$$- 3.76 (R+I) - 1.30$$

$$+ 0.225 (R+I)$$

$$f_{12} = 0.5776 (R+I) - 0.555 (R+I)$$

$$M_1 + 0.3 (f_{12}) = 4.05 (R+I) - 3.76 (R+I) - 0.225 (R+I)$$

$$M_1 = 375 (R+I) - 3.76 M_1$$

$$(R+I)$$



-134-991 162 587 -1.86 +.20 -5032 -1 933 ✓

-249004 1743 -032 -1.025 +8.751 -5 +8+1 .22

212M

~~212M~~

5 K 11E

BYHRE

4 M 3RE

LEAF

.85RE

111 BOE

+5 +47 +3

11-91-214  
11-12-16-11

RE

294-211 3421

28



5727

11/22/23

ADD 597

(V)

3	19.251
94	-30.434
(3)	0.648
(3)	0.317
(3)	0.274
5	-30.356
95	-3387.393
(3)	-0.383
(3)	0.384
(3)	0.211
7	38.218
97	3045.618
(3)	-0.180
(3)	0.289
(3)	-0.827
ET	16.800
INT	4
MCE	-1.838
EC	513.000
V	X-1222.800
EC	6.300
V	13.200

1858  
 7992  
 2283  
 0087

79



0000  
0000  
0000

0000  
0000  
0000

181  
148  
226  
000  
000

M  
MP  
CM  
CM  
CM

SB  
SB  
LB

1379 ✓

964 ✓

75653

19

25.1

+12

48

-64.85 ✓

41.69

11.57 + 1.05

22

— — —

JP

03	(M)	0.000
04	(M)	0.000
05	(M)	0.000
06	(M)	0.000
07	(M)	0.000
08	(M)	0.000
09	(M)	0.000
10	(M)	0.000
11	(M)	0.000
12	(M)	0.000

03	(M)	0.000
04	(M)	0.000
05	(M)	0.000
06	(M)	0.000
07	(M)	0.000
08	(M)	0.000
09	(M)	0.000
10	(M)	0.000
11	(M)	0.000
12	(M)	0.000

03	(M)	0.000
04	(M)	0.000
05	(M)	0.000
06	(M)	0.000
07	(M)	0.000
08	(M)	0.000
09	(M)	0.000
10	(M)	0.000
11	(M)	0.000
12	(M)	0.000

03	(M)	0.000
04	(M)	0.000
05	(M)	0.000
06	(M)	0.000
07	(M)	0.000
08	(M)	0.000
09	(M)	0.000
10	(M)	0.000
11	(M)	0.000
12	(M)	0.000

15.450	R.A.	:	
17.800	M. R.A.	:	
0.000	M. DEC.	:	
0.000	DISTANCE	:	
0.000	MODULUS	:	
10	D. VEL.	:	
0.000	q1 (U)	:	
-0.488	q2 (U)	:	
0.683	q3 (U)	:	
-0.544	PU	:	
0.000	U	:	
0.000	q1 (U)	:	
0.666	q2 (U)	:	
0.694	q3 (U)	:	
0.274	PU	:	
0.000	U	:	
-0.565	q1 (M)	:	
0.229	q2 (M)	:	
0.793	q3 (M)	:	
0.000	MP	:	
0.000	M	:	

02



165893

88932

22.12.17

18 Oct 2 - 22 12

13060

-2.29 -51.93

-26 92.38

24.58 1.46

21

2805

-7799

6903

-9559

-9606

0185

31

Handwritten notes on a piece of paper, possibly a list or a set of instructions. The text is written in a cursive or shorthand style and is difficult to decipher. It appears to be organized into several lines or sections, possibly representing a sequence of steps or a list of items. The paper is placed on a light blue background.



7229

14 039

-37 08

262A

177475

96.53 ~ 279.67

93825

55.898 1.94

2631

2791

5484

9183

2960

~ 8489

- 9480

0029

U.S.

-18 4285 062

24

25

DEC 19 1958  
R.A. 27.150  
DEL 0.000  
THICE 0.000  
DULUS 0.000  
JEF 0.000

1.000  
0.000  
0.000  
0.000  
0.000

0.000  
0.000  
0.000  
0.000  
0.000

100

4

u

R.A. :  
 DEC. : 19.050  
 R.A. : -37.150  
 DEC. : 0.000  
 STANCE : 0.000  
 IDULUS : 0.000  
 VEL. : 10  
           0.000

q1 (U) : 0.301  
 q2 (U) : -0.111  
 q3 (U) : -0.947  
 UP : 0.000  
 U : 0.000

q1 (V) : 0.352  
 q2 (V) : 0.936  
 q3 (V) : 0.002  
 UP : 0.000  
 U : 0.000



9.4 -46.03

79930

19

13.0

-45

58

1857

-36.848

(5)

4482

54739

1200 (12) 6000

(12)

131

131

131

131-131

0.775

836

9.1 1.20

833

9.16

4606

540

540

1.90

715.6

3833

11831

0.53

4295

4295

4300

1187

19116

1204

715.6

3833

11831

12

4796

9.16

836

4225

426

131

131

438

784

131

131

438

131

438



Rate 4036 19 13.0 -45 58 -36

192941	168	0.26	1 Rot
35.89	15	0.22	2 "
36.73	349	0.26	2 "
48.73	18	0.19	2 "
49.70	43	0.17	1 "
1903.76	359	0.18	2 Hll.

9.36 + 1.42 (2.26) 1592

854  
93  
Myers  
Saginaw

176E way

175510

19

13.0

-45

55

-35.4 5.6

-4602202

-36.8 5C

74452

3.6

137 409

Li 20.1111

9.28  
10.13  
5.5

7614<sup>u</sup>  
0.228

0.50  
0.23

190-780

+76 -21 -6 : 06  
755-19 -4 : 08

+200-424

+22 -41 'Li

461 copy

75756 -42255

Hypodermis

6538 3112  
7571-4487

4487  
4436

584(12)  
741(8)

4599

4208

6457

6746

6746

6746

33



000° 0  
000° 0  
363° 0-  
957° 0  
-0° 883

: M  
: MP  
: (M) 93  
: (M) 92  
: (M) 91

000° 0  
000° 0  
-0° 132  
0° 935  
0° 329

: U  
: UP  
: (U) 93  
: (U) 92  
: (U) 91

}}  
}}  
}}

000° 0  
000° 0  
-0° 910

: U  
: UP  
: (U) 93  
: (U) 92  
: (U) 91

182416

19 2.2.47 29 04 41

9262

Passenger 2055y 2000000 - 472

6324 - 51,50

852-022

14.7.86 1.17

624

3859

4044 6/10072

- 5222 - 74564 - 30231

08110

09155  
01229  
10051

~~10051~~

0933

6242



2

2



34

0.000	:	M
0.000	:	MP
-0.311	:	q3 (M) qb
0.365	:	q2 (M) zb
-0.877	:	q1 (M) tb
0.000	:	U
0.000	:	PU
0.242	:	q3 (U) qb
0.923	:	q2 (U) zb
0.299	:	q1 (U) tb
0.000	:	U
0.000	:	PU
-0.919	:	q3 (U) qb
0.119	:	q2 (U) zb
0.375	:	q1 (U) tb
0.000	:	RAD. VEL.
10	:	
0.000	:	

550  
450  
350  
250  
150  
50

10.55 52-45 499 344

AD 234 331 160 466 2135 3

10.55 52-45 499 344

10.55 52-45 499 344

100

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

	T	e	A	B	F	G	a	v	l	2004/10-6
I	61.67	193210	0.66	0.000	-117	-064	-259	0.307	145.4	2.61 x 10 <sup>-6</sup>
II	72.24	193281	0.70	0.275	-131	-061	-249	0.316	134.8	605
III	64.45	193208	0.65	0.273	-122	-063	-251	0.334	141.9	897

91.5530  
 +0010 24.5  
 -107 ± 2.8  
 193281  
 193281  
 193281

1/4  
 20

68104  
 +046-080  
 +00-0004  
680-8104  
 +048-087



Handwritten notes on a piece of paper, including a signature and some illegible text.

Faint, illegible text on a light-colored background, possibly bleed-through or a very light print.



198. 8-1  
199. 8-1  
200. 8-1  
201. 8-1  
202. 8-1

" M  
" MP  
" CMJ  
" CMJ  
" CMJ

CMJ  
CMJ  
CMJ

203. 8-1  
204. 8-1

" C  
" P  
" CMJ

CMJ  
CMJ

2982 20 485 -5 49

4APV

1987

102413

9577 1.25

14.99 x 1.26

-1.55 (3)  
-2.66  
-24.27  
1.36

2972  
1032  
B  
4/17

6.13 6.51  
7.25 9.26

5898 9986  
-8111 0537  
-0039

6.80  
1.10

-38 419 185



92

R.A. : 20.800  
DEC. : -5.800  
R.A. : 0.000  
DEC. : 0.000  
DISTANCE : 0.000  
MODULUS : 10  
VEL. : 0.000

q1 (U) : 0.634  
q2 (U) : 0.420  
q3 (U) : -0.650  
dU : 0.000  
U : 0.000

q1 (V) : 0.065  
q2 (V) : 0.808  
q3 (V) : 0.586  
dV : 0.000  
V : 0.000

q1 (W) : -0.771  
q2 (W) : 0.413  
q3 (W) : -0.485  
dW : 0.000  
W : 0.000

36

6593  
601 70.8 - 0236 1011  
123 071  
Ag III +2 -41

Assil 6057 22 31.6 265 25  
20185 186 8.200  
only

21897814 6.01 210 195 856  
+0219 52.5  
+0217  
+022 72.4  
7114 +072 66

Per 111314 18867 285  
1.386 + 15.4 28.4/20K  
15.81 1882.5 - 3.54  
71  
+268

62.70 34.1351 + 10214 1672  
10.95 23 41.57 2100 E = -2.1  
15.79 1540.10

Magnum 35.604 34  
+0212 +074  
+0213 +023  
+0214 1672  
-12  
15.67  
-089 4350 +0250  
+1332  
+1380

138.03 13.110.0 + 1.289  
+114 +064  
+4.72  
90228266 0139  
7119 7055 425

130.65 1375 1354  
+1377 +1477  
+5854  
9923.5 8047 1190

128 1354 +920  
-1200 -1104  
-2304  
0509 4847  
6000

500 144  
-2662 +927  
+0265  
+1.7 -03 +44

22  
9/10/11  
10/11

-376 927 939 346 114 1072 -2 068 -2 115

043 026 106 063 -085 625 -1 -1 0 0164

-7 +38+5  
+39 -17 +2

601+0.32 00

1/2017  
1/2017  
See 1/2017  
AS 70

$P = 225.6$   
 $a = 0.78$   
 $\Sigma = 3.88$   
1.78  
0.25  
100%

17.0115  
1.9070  
1379.175

-7 +42+7

New 0013

$a^2/p^2 = 9.31 \times 10^{-6}$   
1.9  
1.9

1915-1980 -5.5 -2.5 -11 5

-1.5 +2 (3)

1942-47 +1  
1970-75 -2.5 -2.9 (5)

1/2017  
1/2017  
1/2017  
1/2017

1/2017

1970-75 -2.5 -2.9 (5)



PM. R.A. :  
PM. DEC. : 3.000  
DISTANCE : 40  
MODULUS : 0.000  
RAD. VEL. :

q1 (U) : 0.832  
q2 (U) : 0.423  
q3 (U) : 0.359  
DU : 627.91  
U : 24.998

q1 (V) : -0.227  
q2 (V) : -0.329  
q3 (V) : 0.916  
DU : -243.626  
V : -9.699

q1 (M) : -0.506  
q2 (M) : 0.844  
q3 (M) : 0.178  
MP : -11.262  
M : -0.448

27

65.6

418.4929

0-2 4-3-2

415 31

1205 16372

112.97 22253

113220

1864 2229

-3 43.35 143

9418

9747

1231

3361

2237

6000

28





R.A. : 22.5  
DEC. : 15.500  
PM. R.A. : 0.000  
PM. DEC. : 0.000  
DISTANCE : 10  
MODULUS : 0.000  
RAD. VEL. :

q1 (U) : 0.856  
q2 (U) : 0.515  
q3 (U) : -0.048  
pU : 0.000  
U :

q1 (V) : -0.292  
q2 (V) : 0.557  
q3 (V) : 0.777  
pV : 0.000  
V :

q1 (W) : -0.427  
q2 (W) : 0.65  
q3 (W) : -0.62  
pW : 0.00  
W :

82

8782

23

OR 1

-7

58

-26.7 (8)

718060

ADD 16487

113536

123.46 7.07

00869

17.31  
± 98

$\beta = 2.746$

$\log T_c = 3.852$

9344  
-3562

9976  
0691

-15 42.85 14.6

1237  
-0015

62

6490 115404 23 20.0 44 19 25.5 3

720578

ADD516706 119.67 + 12.49 ASBM

13.35 4100

2793

Re L.S. 3.877

15 4256 13.9

L.S. 6.6

8.15

6.36 over 108.015

9978 9992 1203

2402 6399 0127

8.20

0013 015

1055  
0108

ah



A. : 23.350  
EC. : -15.300  
A. : 0.000  
EC. : 0.000  
NCE : 0.000  
LUS : 10  
EL. : 0.000

(U) : 0.871  
(U) : 0.445  
(U) : -0.206  
dU : 0.000  
U : 0.000

(V) : -0.360  
(V) : 0.866  
(V) : 0.345  
dV : 0.000  
V : 0.000

(W) : -0.333  
(M) : 0.227  
(M) : -0.915  
dW : 0.000  
M : 0.000





1185  
225

BC

~~80 203 1031 2877~~

33204

06.6 1.27

~~88~~ 6.0 d=0 44.28

3057(1)

(GND)

47

8733 081125 8.5 867

(4462)

6301(2)

78043 -059 N30

150 205 720 276

(N30)

+0044737 -069 22.6 8.0 27.7 N30

(+220 254)

(N30)

+00425 -0604 P124

+0547-558 P125

389

(N30)

+0563

+056-0115

41658  
8749  
-7033

0831  
-10043

620

012-060 4.14

OR

4776 1985

0810

1648

272

149 246 241 803

2746 9801

-1624

734

149 246 803 2746

-165  
01113.71

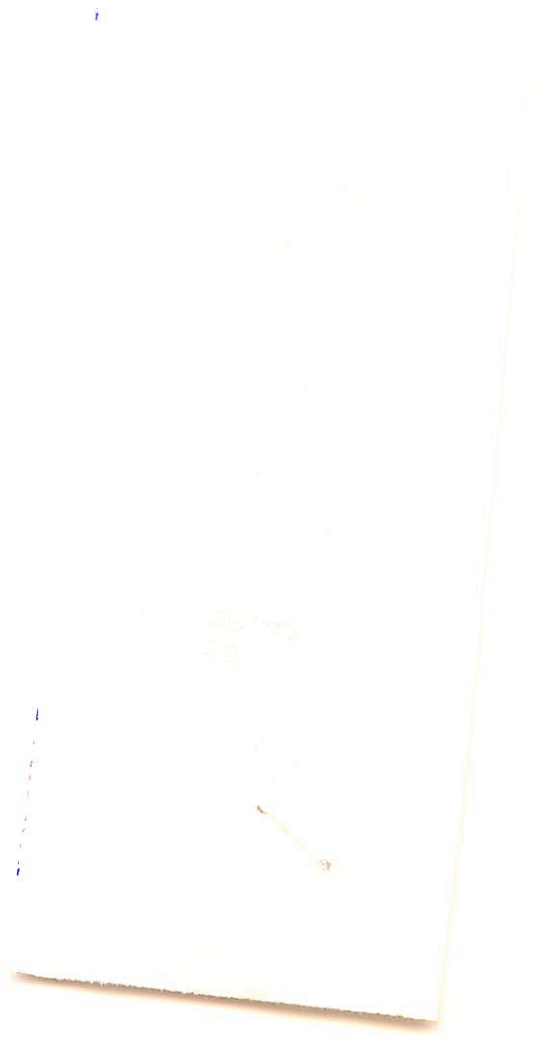
M

9.24 +5.54  
9.49 +5.80

9.13 68 224 +5.28 +69 224  
9.66 76 234 +5.81 +79 241

9.13 9.51 10.05  
9.44 10.43 10.79

8.60 9.32 9.61  
9.63 9.72 +29



A. : 5.100  
C. : 28.000  
A. : 62.000  
C. : -59.800  
ICE : 3.720  
US : 55  
L. : 39.400

(U) : 0.139  
(U) : 0.021  
(U) : 0.990  
dU : 29.960  
U : 40.673

(V) : -0.584  
(V) : 0.809  
(V) : 0.064  
dV : -380.917  
V : -18.586

(M) : 0.800  
(M) : 0.587  
(M) : -0.125  
dM : 40.991  
M : -2.632

41

2

0.0000	:	R.A.
0.9500	:	DEC.
42.0000	:	PM. R.A.
0.0000	:	PM. DEC.
0.0000	:	DISTANCE
0.0000	:	MODULUS
10	:	RAD. VEL.
0.0000	:	q1 (U)
-0.657	:	q2 (U)
-0.828	:	q3 (U)
0.753	:	DU
0.0000	:	U
-0.039	:	q1 (V)
0.999	:	q2 (V)
0.003	:	q3 (V)
0.0000	:	DV
0.0000	:	V
0.753	:	q1 (M)
0.227	:	q2 (M)
0.658	:	q3 (M)
0.0000	:	MP
0.0000	:	M

89326

405721

10/10/12

200 24 2455  
001-24 1458

720 49

817 123.16

720 172

sum = 0.2

1559

152 232  
-0115 -028

159.55  
1856 = 2.03

21.85

10/10/12

6.97 / 1010

100

1085  
-170-019

113-0291

10/10/12

24000  
+ 24

7246

53.05

1110  
107

10/10/12

997

10524

10526

52.92  
-13  
-161

2max  
116

10/10/12  
will be the best  
performance will be  
10/10/12

84413  
5347  
5359 - 0970

1710 0.0212  
1005  
+1.05

Pc = 27.5

22

9.45 D. 59 10.9 0.916 996  
2027 10.8 11.22