

AD147776

14 21.5 -13 32

+9.76

8.40 + 0.95 + 0.75 DW2 + 6.65

-11, -33, +40

-235

16 26.0 +0047

5.39 +1.45 +1.77K4IP -0.7

Strong
CW

-33, -33, -22

HR6136

W9473

H014853

B22148

6152HR 16 28.4 +20 35

W 9501

+0.3
5.23 +1.26 +1.20 G-8p

G-622202

4.95

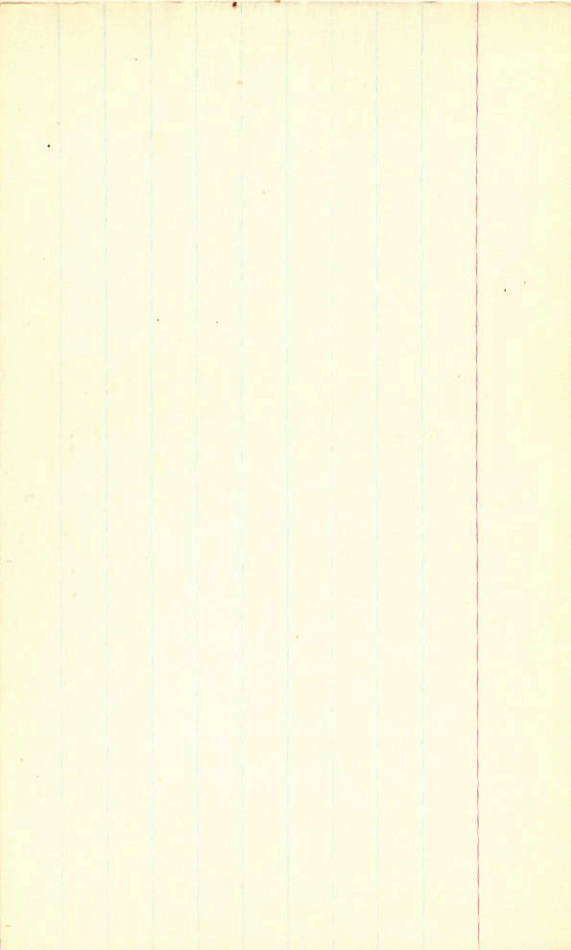
H-0.48897

+0.3

-24 -33 +21

Sr I
Stro
C#56

+0.2 OCW



W9548

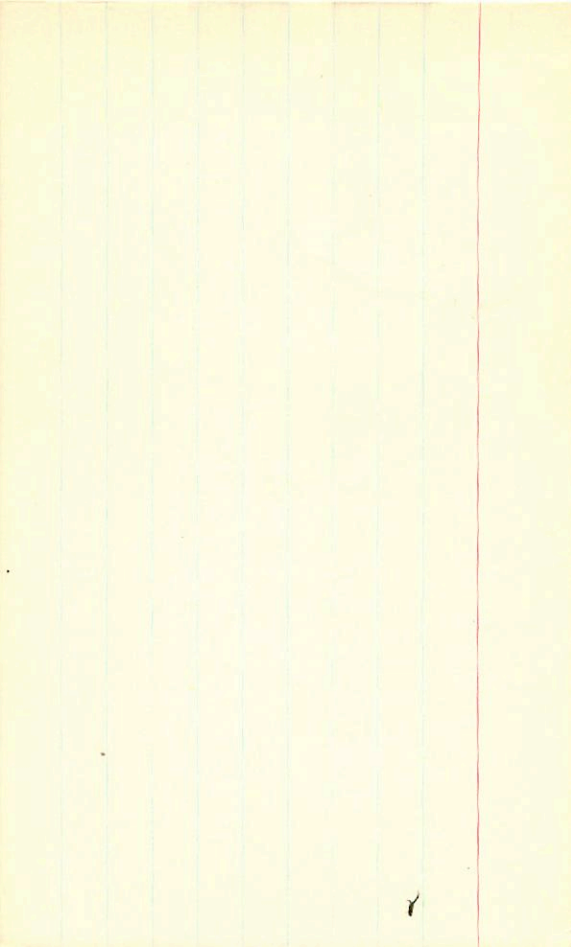
1634.4 +15 36

G022335

E=

6.30 - 0.08 - 0.20 Ap / -1.0
7.30
-1.0

-20, -33 + 12



16 528 - 8 14

-8° 4352 AB 8.98 +1.60 +1.06 dM32 +10.7

C 11.70 +1.70 +1.35 dM4 +12.7

UB 16.66 +2.05 - +17.7

195 M(17) 1624 (10) 160 C(4)

1515(10) 179 M(7)

1535(10) 136 W(7)

162A(16) 150 C(7)

144 M(7)

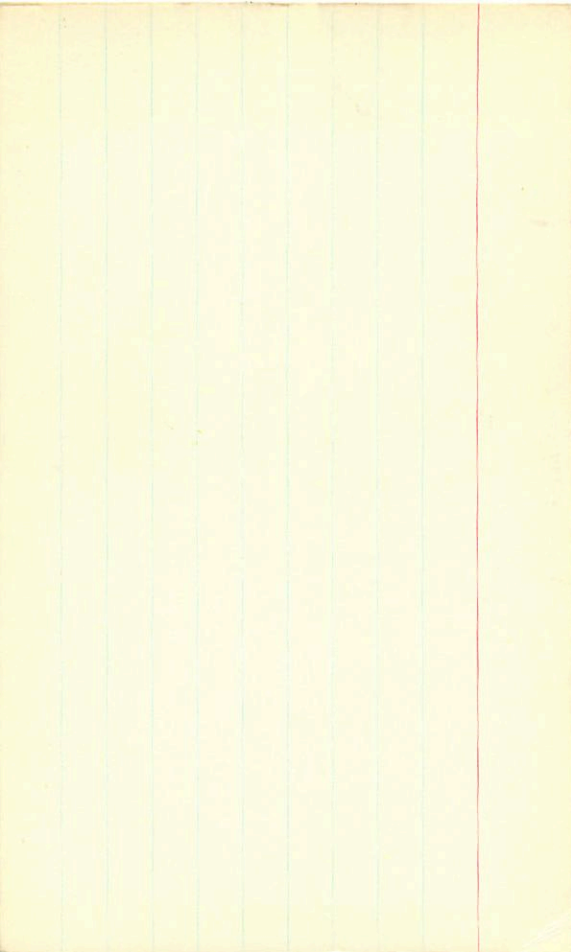
1567(10)

1437(14)

val of AB in A.S. Dec 1964

-23, -33, +12

.155 wt 110



17 15.3 +25 05

8.98 +0.71 +0.26 6.82 +4.6

440

+4.6

-24, -33, -10

HD 156563

17 27.4 + 29 26

RDS10585

W10114 9.01 + 1.14 + 0.99 dmo + 7.7

1.92
3.06
5.62

$\Delta m = 0.28$ 7.7

0.4857 (9) 101
0.60 M (9)
0.4857 (9)

$\gamma = 0.21$ β

-22, -33, -18

m_1, m_2, m_3

W10285
GC24138

17 44.5 +27 45

MHW

A 3.42 + 0.75 + 0.39 G5 IV + 3.6
BC 9.80 + 1.50 + 1.05 dm4 + 10.5

ABS10784

107A(20)
109A(15)
108

then more BC

0.43

↓

very similar

to -804352AD

-19, -33, -5

W16024

18 08.0 +38 27

HD166620

6.41 +0.87 +0.59 102E +5.9

GC24778

80

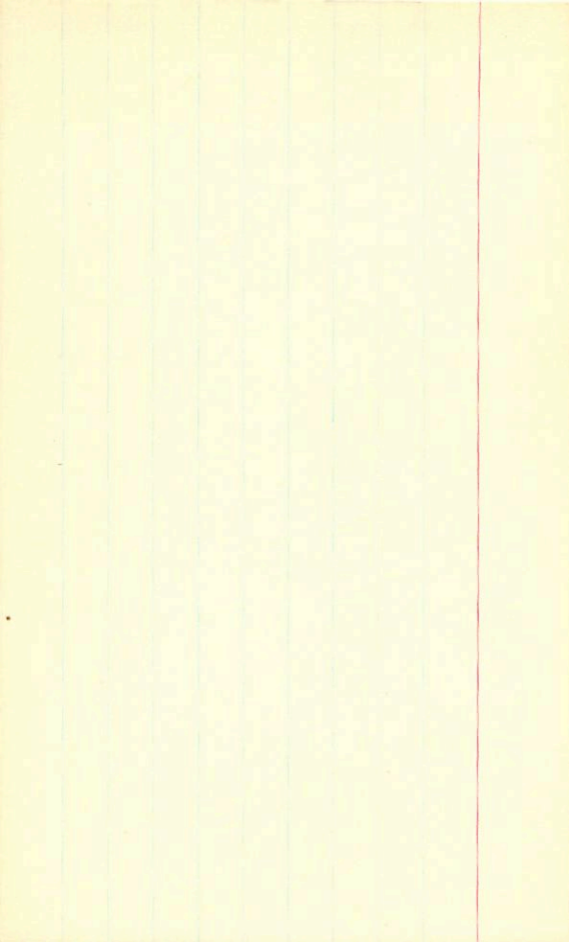
89A(28)

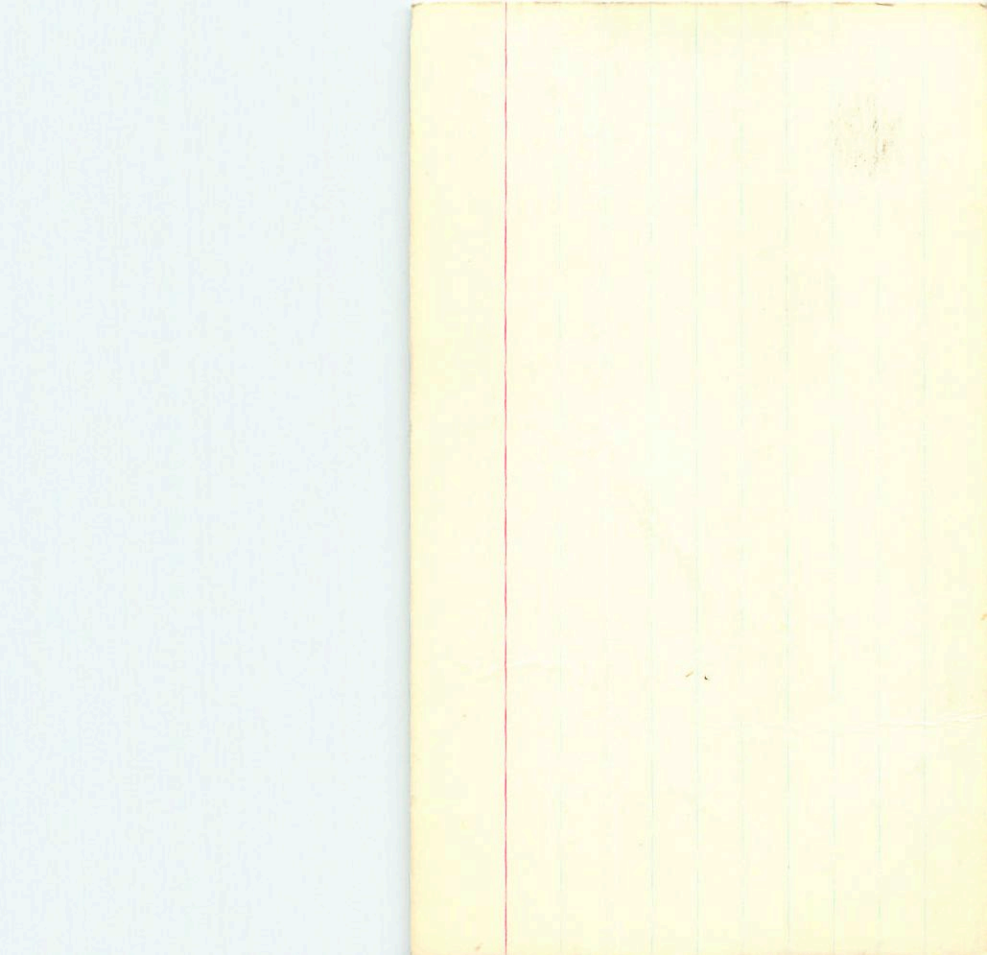
-21-3371

Aug 169245 18 20.7 - 26 12

8.67 + 0.535 + 0.01 F8E + 3.2
8.47
8.32

-19 -33, +4
1





HR48

or 12.1 -19 13

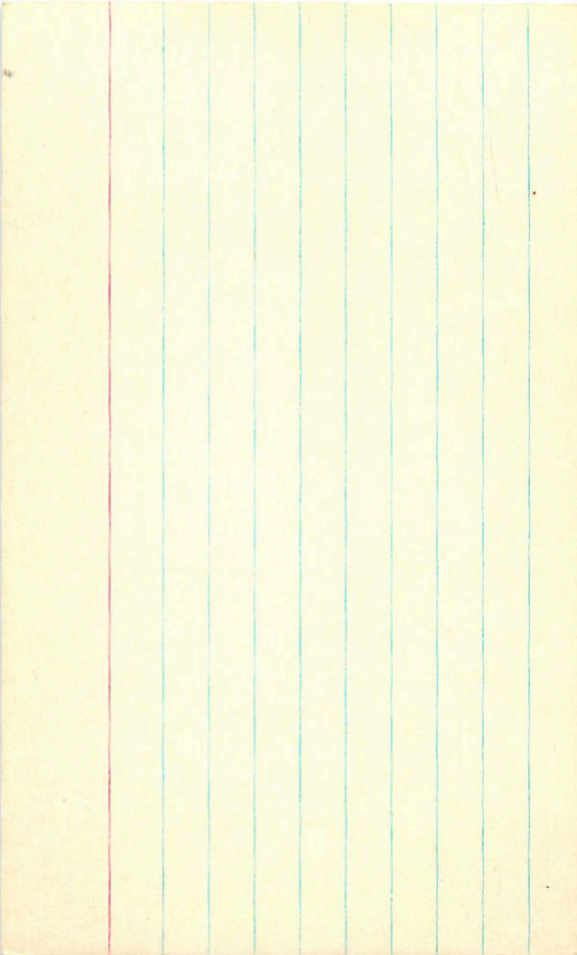
W123

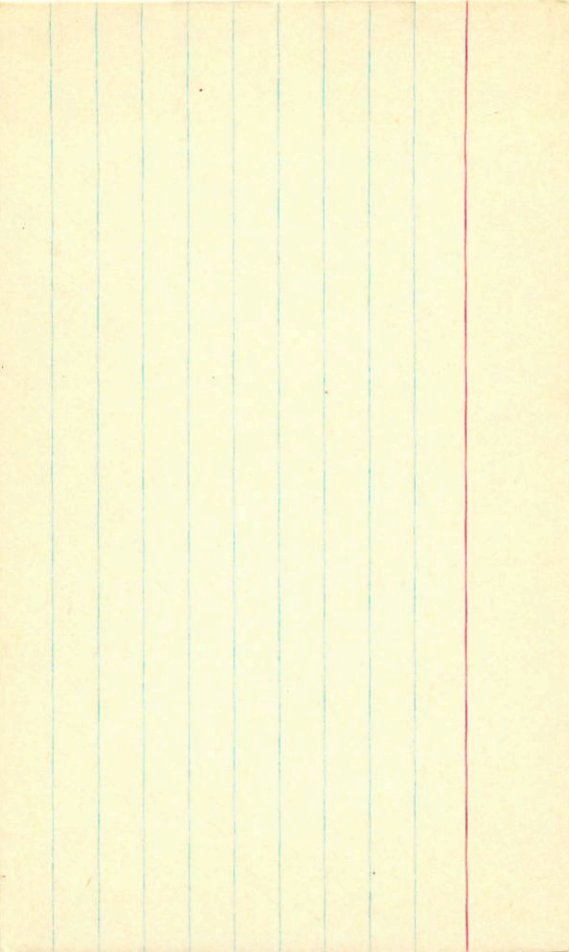
1401035

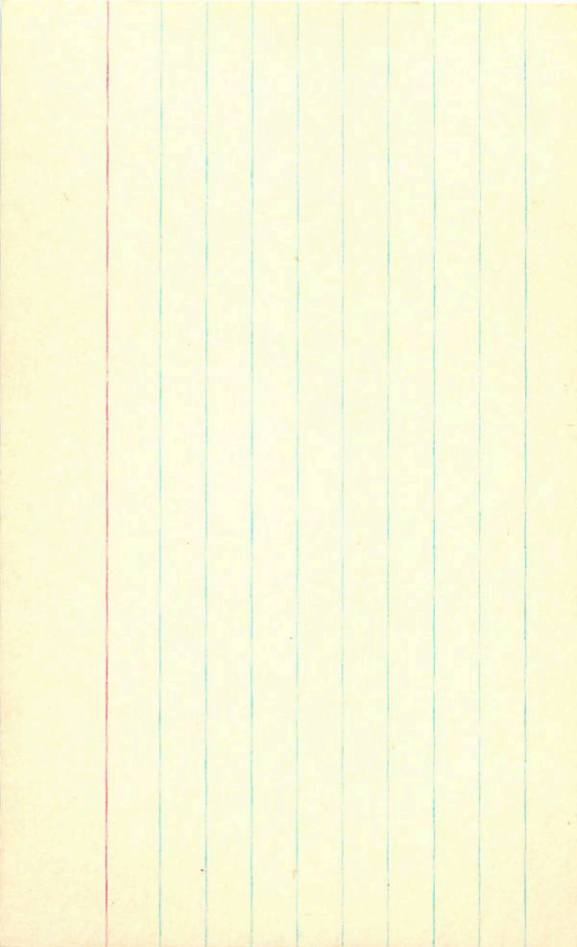
4.32 +1.61 +1.95g ml -1.1

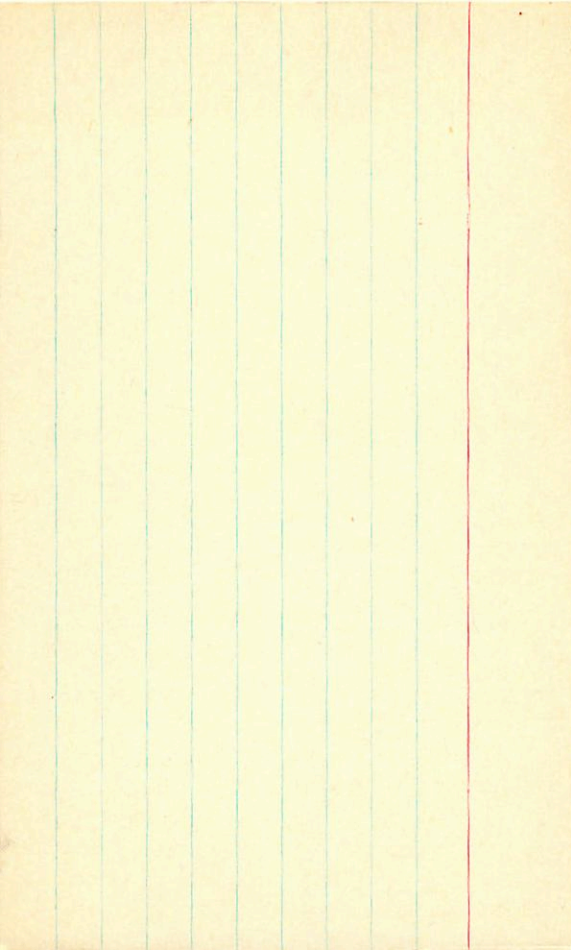
GC272

-28 -33 +18









W4109

0 42.5 + 0.31

W04254

41 m (8)

66896

8.05 + 1.00 + 0.58 dms + 6.7

-1.110

-25 -33 -31

(?)

SB (orbit) P = 10374 days

HR 8254 21 36.0 -77 37

HR 8254

13593 W

3.72 +0.99 +0.90 No

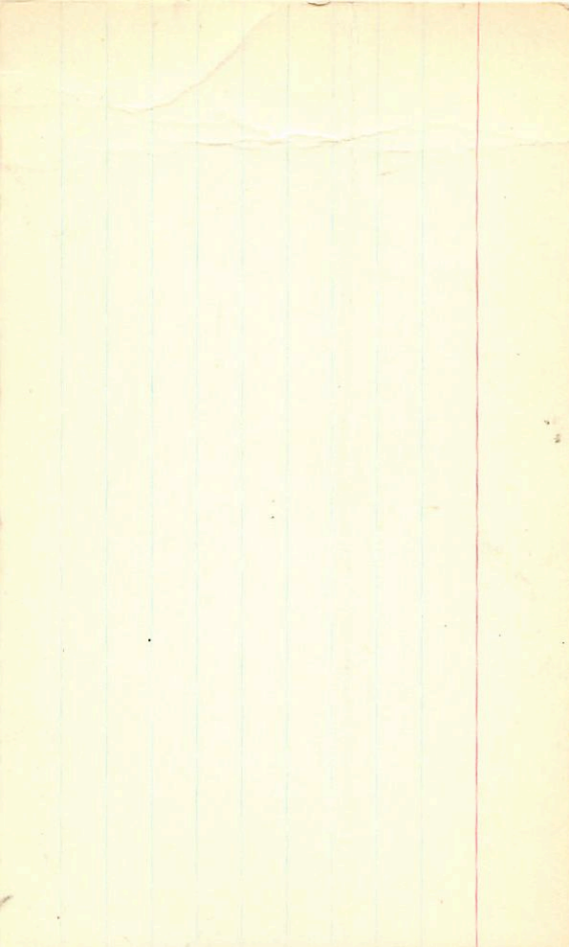
25 Oct

71
73.0

140205478

-12 -33 -15

454(12)



~~H05~~

11530 +4.5

12126 +30.9

121803 -36.6 }
12461 -65.3 }
13723 -26.0 }

W 6060
AG 4896

9 14.9 +28 47

090

ANDS 7284
HD 74464

7.22 + 0.02 + 0.81 dx 4 + 7.0

$\Delta m = 00$

064 PE

0.54 S(26)
0.49 A(20)
0.75 V(12)
0.50 M(8)
0.76 S(4)

$\Delta m = 00$
 $\Delta m = 00$

-22, -33, -12

HR3900

9 49.0 +24 38

GC13569

5.33 + 0.22 + 0.05 + 2.1 ASY

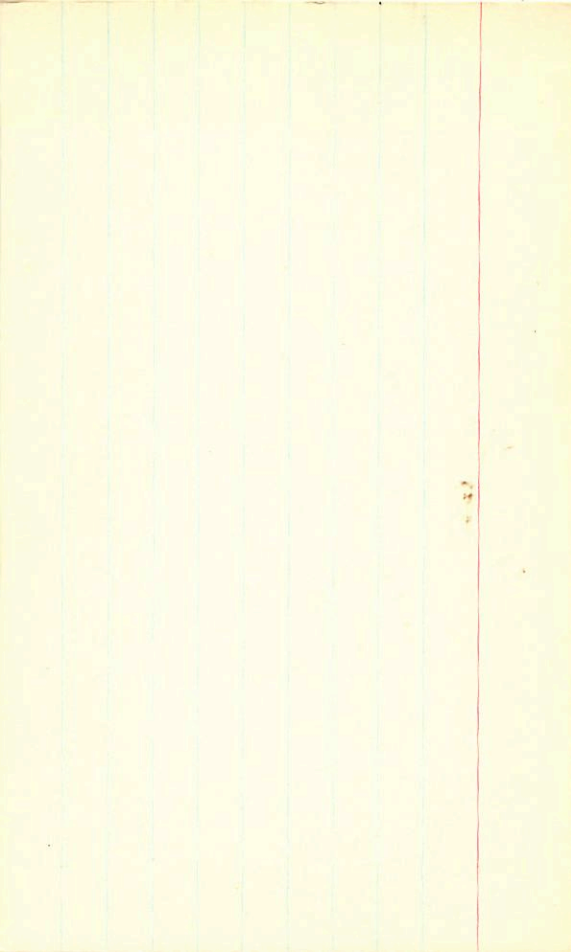
W0315

$\frac{3.27}{+2.1}$

HD 85374

-12, -33, ~6

22 Dec



W6440

10 15.8 +44 18

G-C14143

6.62 +0.65 +0.16 dG5 +4.7

AD89269

$\frac{142}{+49}$

205(8)

-15, -33, +3

10 18.4 +26 57

HD89631

8.53 +0.455 -0.02 ~~FS~~ +3.7

4.85

+3,

-13, -33, +8

(127)

HR4247

PN6745

HD94264

GC14961

TLT_{min}

10 50.5 +34 29

3.82 +1.05 to 50 No III - IV +1/6

+2.0

-14 -33 +22

⊙ CW

AD 98562

11 18.0

+28 53

$\overline{8.78 + 0.66 + 0.21 \overline{625}}$
 $\frac{44}{+4.3}$

-16 -33, +10
J

AH mi

12 11.8 +12 06

$$P = 0.41$$

9.00 +0.76 +0.34 ^{100%} max

4.50

4.50

5.25

→ + 5.25

-27, -33, ± 0

140122643

1400.5 + 2448

$$\begin{array}{r} 8.06 + 0.57 + 0.07 \text{ FSE} + 4.05 \\ 4.00 \\ \hline 44.05 \end{array}$$

-18, -33 +1

HR
5330

14 12.4 +10 20

(W + 1.0)

U8335

AD124679

BU19274

15 B300

4.80 +1.05 +0.50 No III + 1/25
-3.55

+1.0 Keyhole

-20 -33 +6

W8342

14 13.4 -05 36

G619244

4.08 + 0.50 + 0.03 F7 VII -IV +2.5

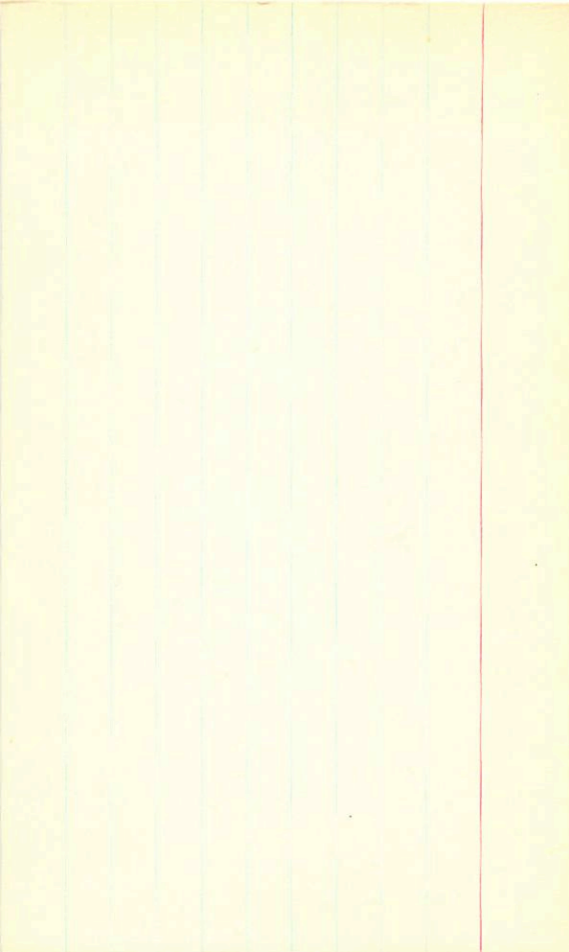
6 Via

$\frac{152}{2.5}$

-24, -33, -13

HD 124850

26M(6)
46-(110)



CC
19467

14 23.5 +5205

HD126640

© Bud

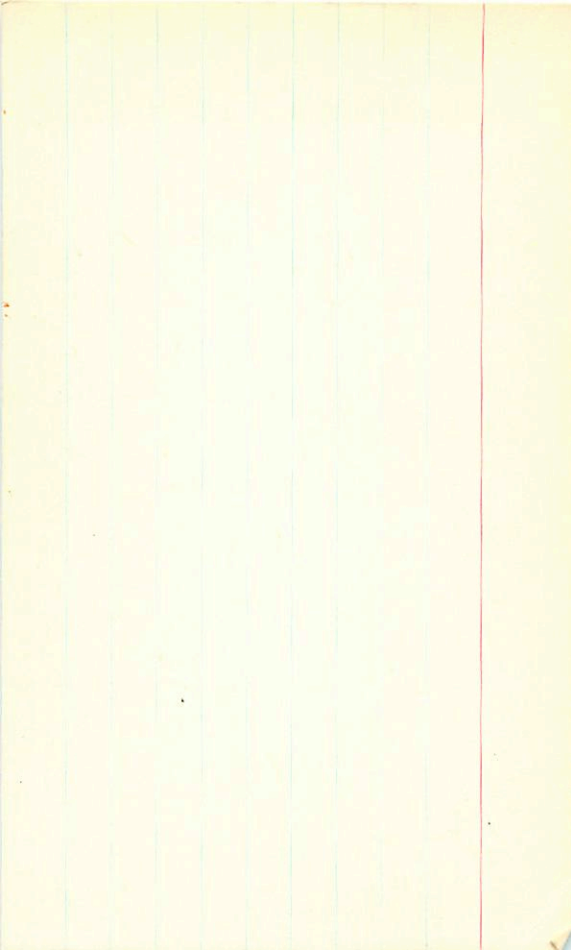
W8428

4.06 + 0.50 + 0.01 F7 ~~16~~ + 3.05

60

-11 -33 +7

65A(16)
64MB)



HD129357

14 39.2 429 17

$$7.81 + 0.635 + 0.115 - 6.27 + 4.2$$
$$\frac{363}{14.2}$$

-23, -33, -34

18630

14 48.8 -1735

661985

6.5 ~~0~~ + 0.4 ~~65~~ - 0.04 dFS + 2.55

40130989

3855

+ 2.5

-24 - 33 - 6

W 8670

14 54.7 -48 39

GC20118

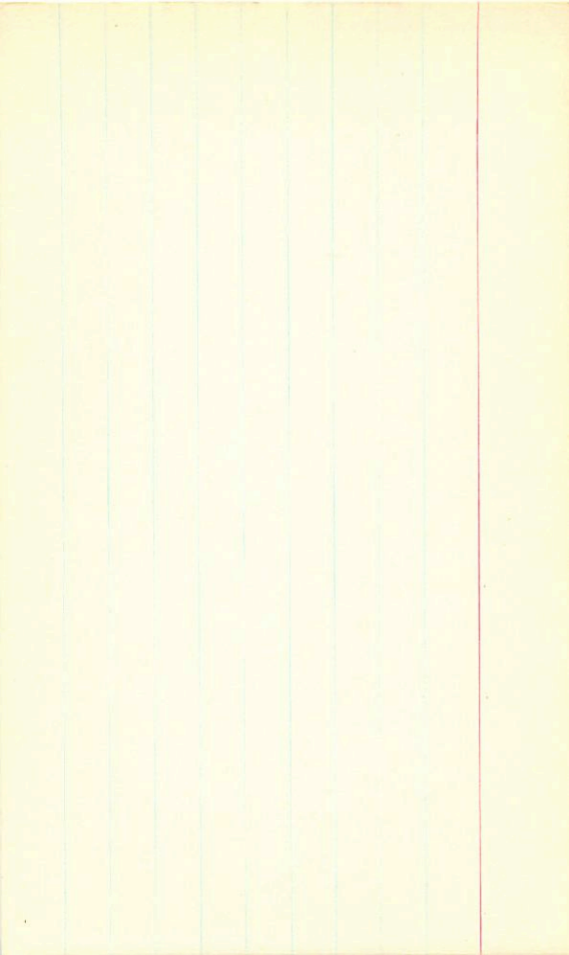
AD131923

AR5564

456(m)

6.35 +0.71 +0.24 6.54 | 44.95
1.40
4.95

-22, -33 -20



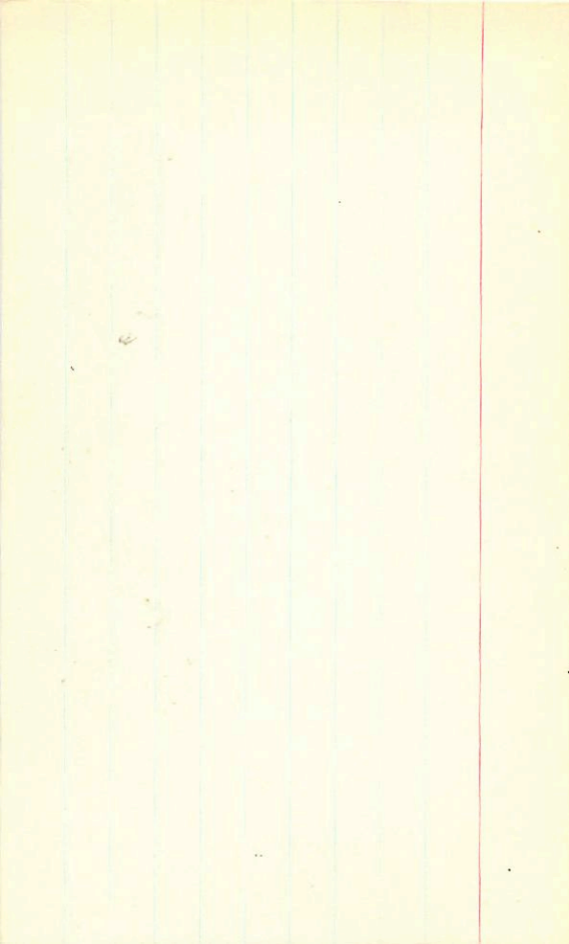
15 32.7 + 25 10

AD139007

$$\begin{array}{r} 8.26 \\ 45.5 \\ \hline 53.76 \\ + 3.7 \\ \hline \end{array}$$

+0.525 +0.04 F8V +3.7

$$\boxed{-28 \quad -33 \quad -28}$$



HD 142709 15 54.3 -42 29

GC21412

8.04 +1.12 +1.03 MSB +7.3

0.0604(12)
0.0466(17)

-24, -33, +6

HD170525 18 29.1 -58 45

6.43 10.45 - 65-1K +2.95

-13, -33, -27

HD188807 19 54.6 -12 42

$$9.31 + 1.30 + 1.22 \text{ dM1}$$
$$\frac{85}{843}$$

55(31)

-12, -33, -8

W13238

21 01.4 +3 47

6629421

8.45 +0.65 +0.13 +6.3 +4.95

ND200565

350
~~41~~
43

-26, -33, -4

W13253

21 03.0 + 5 46

Gc29451

5.96 + 0.54 + 0.02 dF7 + 2.9

$$\begin{array}{r} 5.96 \\ 3.05 \\ \hline + 2.9 \end{array}$$

$$\begin{array}{r} 11 \times (14) \\ 11 \times (5) \\ \hline 11 \end{array}$$

$$\boxed{-16 \quad -33 + 17}$$

HD202573

21 13.7 +25.14

6.44 +0.89 +0.49 6.54 +3.7

-29, -32, +24

W13409

21 17.4 -20 03

H0203040

G129850

9.26 +1.35 +1.26 dK6 +8.7
-55

-33, -33, -17

35M(7)

61Y(10)

28C(6)

$\tau_{pt} = 0.77$

