

Astronauts Given 85 Per Cent Chance

Los Angeles—UPI—A space scientist said Tuesday that this country's astronauts have an 85 per cent chance of returning safely to earth.

"It is unrealistic to believe in a 100 per cent probability of success," Dr. Krafft Ehrlicke told newsmen at an Institute of Aeronautical Science summer meeting.

Ehrlicke, program director at Convair Astronautics, compared the spacemen's travel hazards to those of a test pilot, a race driver and the man who first flies the X15 rocket plane 100 miles above the earth.

He said that pre-orbital ballistic flights by Project Mercury astronauts probably would be less dangerous than orbital flights since there are more unknown factors in orbital travel.

RADIO PROGRAMS — WEDNESDAY

Programs listed below are received from the radio stations and the Mail Tribune assumes no responsibility except to make changes as are supplied.

KYJC 1230 kc	KMED 1440 kc	KWIN 1400 kc
4:00—Traffic Jam	Hear	Hear
4:15—Traffic Jam	Hear	Hear
4:30—Traffic Jam	Hear	Hear
4:45—Traffic Jam	Hear	Hear
5:00—Edward Murrow	Hear	Hear
5:15—Thomas Sports	Hear	Hear
5:30—Tom Harmon	Hear	Hear
5:45—Frank Goss	Hear	Hear
6:00—Severid-A & A	Hear	Hear
6:15—Amos n Andy	Hear	Hear
6:30—News-Anner Pile	Hear	Hear
6:45—Sound 1230	Hear	Hear
7:00—World Tonight	Hear	Hear
7:15—Sound 1230	Hear	Hear
7:30—Sound 1230	Hear	Hear
7:45—Sound 1230	Hear	Hear
8:00—Portland-Phoenix	Hear	Hear
8:15—Portland-Phoenix	Hear	Hear
8:30—Portland-Phoenix	Hear	Hear
8:45—Portland-Phoenix	Hear	Hear
9:00—Portland-Phoenix	Hear	Hear
9:15—Portland-Phoenix	Hear	Hear
9:30—Portland-Phoenix	Hear	Hear
9:45—Portland-Phoenix	Hear	Hear
10:00—Portland-Phoenix	Hear	Hear
10:15—Portland-Phoenix	Hear	Hear
10:30—Portland-Phoenix	Hear	Hear
10:45—Portland-Phoenix	Hear	Hear
11:00—Sign Off	Hear	Hear

RADIO PROGRAMS — THURSDAY

6:00—Sound 1230	Wake Up to Music	Chuckwagon
6:15—Sound 1230	Wake Up to Music	Chuckwagon
6:30—Frank Goss	Wake Up to Music	Chuckwagon
6:45—Hurry Hurry	Wake Up to Music	Chuckwagon
7:00—News-Draper	Wake Up to Music	Chuckwagon
7:15—World News	Weather News	Chuckwagon
7:30—MacLeod Sports	Weather News	Chuckwagon
7:45—Sound 1230	Weather News	Chuckwagon
8:00—News-Weather	Terry Nolan	Chuckwagon
8:15—Breakfast Club	Terry Nolan	Chuckwagon
8:30—Breakfast Club	Terry Nolan	Chuckwagon
8:45—Breakfast Club	Terry Nolan	Chuckwagon
9:00—News	Terry Nolan	Chuckwagon
9:15—Trading Post	Terry Nolan	Chuckwagon
9:30—Young Dr. Malone	Terry Nolan	Chuckwagon
9:45—Ma Perkins	Terry Nolan	Chuckwagon
10:00—News-Whisp Sts	Terry Nolan	Chuckwagon
10:15—Couple n Door	Terry Nolan	Chuckwagon
10:30—Helen Trent	Terry Nolan	Chuckwagon
10:45—Pat Buttram	Terry Nolan	Chuckwagon
11:00—Sound 1230	Network Time	Chuckwagon
11:15—Galen Drake	Network Time	Chuckwagon
11:30—Galen Drake	Network Time	Chuckwagon
11:45—Galen Drake	Network Time	Chuckwagon
12:00—Paul Harvey	Weather Report	Chuckwagon
12:15—News-Weather	Weather Report	Chuckwagon
12:30—Sound 1230	Lunchtime News	Chuckwagon
12:45—Sound 1230	His Majesty the Baby	Chuckwagon
1:00—News-Godfrey	Hear	Chuckwagon
1:15—Arthur Godfrey	Hear	Chuckwagon
1:30—Arthur Godfrey	Hear	Chuckwagon
1:45—Arthur Godfrey	Hear	Chuckwagon
2:00—News-Houseparty	Hear	Chuckwagon
2:15—Houseparty	Hear	Chuckwagon
2:30—Del Courtney	Hear	Chuckwagon
2:45—Del Courtney	Hear	Chuckwagon
3:00—Del Courtney	Hear	Chuckwagon
3:15—Del Courtney	Hear	Chuckwagon
3:30—Traffic Jam	Hear	Chuckwagon
3:45—Traffic Jam	Hear	Chuckwagon
4:00—Traffic Jam	Hear	Chuckwagon
4:15—Traffic Jam	Hear	Chuckwagon
4:30—Traffic Jam	Hear	Chuckwagon
4:45—Traffic Jam	Hear	Chuckwagon
5:00—Edward Murrow	Hear	Chuckwagon
5:15—Thomas Sports	Hear	Chuckwagon
5:30—Tom Harmon	Hear	Chuckwagon
5:45—Frank Goss	Hear	Chuckwagon
6:00—Severid-A & A	Hear	Chuckwagon
6:15—Amos n Andy	Hear	Chuckwagon
6:30—News-Anner Pile	Hear	Chuckwagon
6:45—Sound 1230	Hear	Chuckwagon
7:00—World Tonight	Hear	Chuckwagon
7:15—Sound 1230	Hear	Chuckwagon
7:30—Sound 1230	Hear	Chuckwagon
7:45—Sound 1230	Hear	Chuckwagon
8:00—Portland-Phoenix	Hear	Chuckwagon
8:15—Portland-Phoenix	Hear	Chuckwagon
8:30—Portland-Phoenix	Hear	Chuckwagon
8:45—Portland-Phoenix	Hear	Chuckwagon
9:00—Portland-Phoenix	Hear	Chuckwagon
9:15—Portland-Phoenix	Hear	Chuckwagon
9:30—Portland-Phoenix	Hear	Chuckwagon
9:45—Portland-Phoenix	Hear	Chuckwagon
10:00—Portland-Phoenix	Hear	Chuckwagon
10:15—Portland-Phoenix	Hear	Chuckwagon
10:30—Portland-Phoenix	Hear	Chuckwagon
10:45—Portland-Phoenix	Hear	Chuckwagon
11:00—Sign Off	Hear	Chuckwagon
11:15—Sign Off	Hear	Chuckwagon
11:30—Sign Off	Hear	Chuckwagon

KBOY AM 730 kc — FM 95.3 Meg.

WEDNESDAY

AM-FM Simat Cast	8:30—Opening Dow-Jones
4:15—Request Time	10:00—Market Roundup
6:00—Vespers, Sacred Music	12:15—Farm Market
6:15—Dinner Music	12:30—Closing Dow-Jones
6:30—Sign off 730 kc AM channel	12:00—Market Roundup
7:30—Dinner music continued on FM channel, 95.3 meg.	4:15—Request Time
8:00—Hi Fi Varieties	6:00—Vespers, Sacred Music
12:00—Sign off FM channel	6:15—U.S. Steel Hour
THURSDAY	7:30—Sign off 730 kc AM channel
AM-FM Simat-cast	7:30—Dinner music continued on FM channel, 95.3 meg.
5:30—Sign on News, Recorded music, news on half hour.	8:00—Hi Fi Varieties
	12:00—Sign off FM channel

KDOV 1300 KC

Wednesday	9:25—Trader Horn
4:25—School Bell	11:45—Weather
5:30—Farm Report	12:00—Market Roundup
7:45—Sign Off	2:25—Trader Horn
Thursday	3:25—Missing Notices
6:00—Sign on. Music and news all day.	3:35—School Bell
6:30—Farm Report	5:30—Farm Report
6:45—Weather	7:45—Sign Off

TELEVISION PROGRAMS

The following TV broadcast log is printed as a free public service for the Mail Tribune's readers and TV viewers. Schedule changes are printed as provided by the TV stations and the Mail Tribune cannot accept responsibility for errors or omissions.

KBES-TV (Channel 5)	KOTI-TV (Channel 2)
5:30—Superman	5:30—Chaplain's Corner
6:00—TV Weatherman	5:05—Uncle Bill
6:15—Doug Edwards	5:30—Superman
6:30—Rescue 8	6:00—Weather
6:45—M'Kenzie's Raiders	6:05—News
7:30—Trackdown	6:15—Doug Edwards
8:00—The Millionaire	6:30—Rescue 8
8:30—I've Got a Secret	7:00—U.S. Steel Hour
9:00—U.S. Steel Hour	7:30—Trackdown
10:00—Mickey Spillane	8:00—The Millionaire
10:30—News	8:30—I've Got a Secret
10:35—"Double Wedding"	9:00—U.S. Steel Hour
12:00—Sign Off	10:00—Mickey Spillane
THURSDAY	10:30—Movie
9:00—I Love Lucy	12:05—Sign Off
9:30—Top Dollar	THURSDAY
10:00—Love of Life	10:30—Top Dollar
10:30—Search for Tomorrow	10:00—Love of Life
11:00—Homemakers Intermission	10:30—Search for Tomorrow
11:30—Liberace	11:00—Guiding Light
12:00—Florin Zaeback	11:30—Homemakers Intermission
12:30—As the World Turns	12:00—Florin Zaeback
1:00—Jimmy Dean	12:30—As the World Turns
1:30—House Party	1:00—Jimmy Dean
2:00—Big Payoff	1:30—House Party
2:30—Verdict is Yours	2:00—Big Payoff
3:00—Brighter Day	2:30—Verdict is Yours
3:15—Secret Storm	3:00—Brighter Day
3:30—Edge of Night	3:15—Secret Storm
4:00—Devotions	3:30—Edge of Night
4:05—Uncle Bill's Cartoons	4:00—Backyard Gardener
4:30—Panorama	4:15—Bargain Shopper
4:45—Doug Edwards	4:30—Molly
5:30—Roy Rogers	5:00—Chaplain's Corner
6:00—TV Weatherman	5:15—Doug Edwards
6:05—News	6:00—Weather
6:15—Doug Edwards	6:30—Outline 59
6:30—Industry on Parade	6:55—TV Question Box
6:45—Happy Coleman	7:00—December 12
7:00—December Bride	7:30—Danger is My Business
7:30—Cannonball	8:00—U. S. Marshal
8:00—Danger is My Business	8:30—U. S. Marshal
8:30—Playhouse 90	10:00—I Spy
10:00—U.S. Marshal	10:35—Movie
10:30—Thunder Afloat	
11:35—Sign Off	

STAR GAZER

By CLAY R. POLLAN

Your Daily Activity Guide According to the Stars.

To develop message for Thursday, read words corresponding to numbers of your Zodiac birth sign.

ARIES	Taurus	Gemini	Cancer	Leo	Virgo
1 Make	1 Make	1 Make	1 Make	1 Make	1 Make
2 Use	2 Use	2 Use	2 Use	2 Use	2 Use
3 An	3 An	3 An	3 An	3 An	3 An
4 Extra	4 Extra	4 Extra	4 Extra	4 Extra	4 Extra
5 Tighen	5 Tighen	5 Tighen	5 Tighen	5 Tighen	5 Tighen
6 Acology	6 Acology	6 Acology	6 Acology	6 Acology	6 Acology
7 Year	7 Year	7 Year	7 Year	7 Year	7 Year
8 Substantial	8 Substantial	8 Substantial	8 Substantial	8 Substantial	8 Substantial
9 Avoid	9 Avoid	9 Avoid	9 Avoid	9 Avoid	9 Avoid
10 People	10 People	10 People	10 People	10 People	10 People
11 Prosperity	11 Prosperity	11 Prosperity	11 Prosperity	11 Prosperity	11 Prosperity
12 Luck	12 Luck	12 Luck	12 Luck	12 Luck	12 Luck
13 Pursue	13 Pursue	13 Pursue	13 Pursue	13 Pursue	13 Pursue
14 Floor	14 Floor	14 Floor	14 Floor	14 Floor	14 Floor
15 Important	15 Important	15 Important	15 Important	15 Important	15 Important
16 Good	16 Good	16 Good	16 Good	16 Good	16 Good
17 If	17 If	17 If	17 If	17 If	17 If
18 You	18 You	18 You	18 You	18 You	18 You
19 You	19 You	19 You	19 You	19 You	19 You
20 Are	20 Are	20 Are	20 Are	20 Are	20 Are
21 Judgment	21 Judgment	21 Judgment	21 Judgment	21 Judgment	21 Judgment
22 Care	22 Care	22 Care	22 Care	22 Care	22 Care
23 Be	23 Be	23 Be	23 Be	23 Be	23 Be
24 Time	24 Time	24 Time	24 Time	24 Time	24 Time
25 Dream	25 Dream	25 Dream	25 Dream	25 Dream	25 Dream
26 Hope	26 Hope	26 Hope	26 Hope	26 Hope	26 Hope
27 People	27 People	27 People	27 People	27 People	27 People
28 You	28 You	28 You	28 You	28 You	28 You
29 Be	29 Be	29 Be	29 Be	29 Be	29 Be
30 Favors	30 Favors	30 Favors	30 Favors	30 Favors	30 Favors
31 Will	31 Will	31 Will	31 Will	31 Will	31 Will
32 Need	32 Need	32 Need	32 Need	32 Need	32 Need
33 Act	33 Act	33 Act	33 Act	33 Act	33 Act
34 Help	34 Help	34 Help	34 Help	34 Help	34 Help
35 Your	35 Your	35 Your	35 Your	35 Your	35 Your
36 Son	36 Son	36 Son	36 Son	36 Son	36 Son
37 Aid	37 Aid	37 Aid	37 Aid	37 Aid	37 Aid
38 Help	38 Help	38 Help	38 Help	38 Help	38 Help
39 Best	39 Best	39 Best	39 Best	39 Best	39 Best
40 And	40 And	40 And	40 And	40 And	40 And
41 Develop	41 Develop	41 Develop	41 Develop	41 Develop	41 Develop
42 About	42 About	42 About	42 About	42 About	42 About
43 Changes	43 Changes	43 Changes	43 Changes	43 Changes	43 Changes
44 You	44 You	44 You	44 You	44 You	44 You
45 Thrill	45 Thrill	45 Thrill	45 Thrill	45 Thrill	45 Thrill
46 Notice	46 Notice	46 Notice	46 Notice	46 Notice	46 Notice
47 Relaxation	47 Relaxation	47 Relaxation	47 Relaxation	47 Relaxation	47 Relaxation
48 Creative	48 Creative	48 Creative	48 Creative	48 Creative	48 Creative
49 Financial	49 Financial	49 Financial	49 Financial	49 Financial	49 Financial
50 Enjoy	50 Enjoy	50 Enjoy	50 Enjoy	50 Enjoy	50 Enjoy
51 For	51 For	51 For	51 For	51 For	51 For
52 And	52 And	52 And	52 And	52 And	52 And
53 Electrical	53 Electrical	53 Electrical	53 Electrical	53 Electrical	53 Electrical
54 Time	54 Time	54 Time	54 Time	54 Time	54 Time
55 You	55 You	55 You	55 You	55 You	55 You
56 Wrong	56 Wrong	56 Wrong	56 Wrong	56 Wrong	56 Wrong
57 Who	57 Who	57 Who	57 Who	57 Who	57 Who
58 Taking	58 Taking	58 Taking	58 Taking	58 Taking	58 Taking
59 Avoid	59 Avoid	59 Avoid	59 Avoid	59 Avoid	59 Avoid
60 On	60 On	60 On	60 On	60 On	60 On
61 Talents	61 Talents	61 Talents	61 Talents	61 Talents	61 Talents
62 Very	62 Very	62 Very	62 Very	62 Very	62 Very
63 Year	63 Year	63 Year	63 Year	63 Year	63 Year
64 Aid	64 Aid	64 Aid	64 Aid	64 Aid	64 Aid
65 Son	65 Son	65 Son	65 Son	65 Son	65 Son
66 Best	66 Best	66 Best	66 Best	66 Best	66 Best
67 And	67 And	67 And	67 And	67 And	67 And
68 A	68 A	68 A	68 A	68 A	68 A
69 Today	69 Today	69 Today	69 Today	69 Today	69 Today
70 Compliment	70 Compliment	70 Compliment	70 Compliment	70 Compliment	70 Compliment
71 Nervous	71 Nervous	71 Nervous	71 Nervous	71 Nervous	71 Nervous
72 Changes	72 Changes	72 Changes	72 Changes	72 Changes	72 Changes
73 You	73 You	73 You	73 You	73 You	73 You
74 Unfold	74 Unfold	74 Unfold	74 Unfold	74 Unfold	74 Unfold
75 Now	75 Now	75 Now	75 Now	75 Now	75 Now
76 And	76 And	76 And	76 And	76 And	76 And
77 Equipment	77 Equipment	77 Equipment	77 Equipment	77 Equipment	77 Equipment
78 Speculating	78 Speculating	78 Speculating	78 Speculating	78 Speculating	78 Speculating
79 An	79 An	79 An	79 An	79 An	79 An
80 And	80 And	80 And	80 And	80 And	80 And
81 For	81 For	81 For	81 For	81 For	81 For
82 Dust	82 Dust	82 Dust	82 Dust	82 Dust	82 Dust
83 End	83 End	83 End	83 End	83 End	83 End
84 End	84 End	84 End	84 End	84 End	84 End
85 New	85 New	85 New	85 New	85 New	85 New
86 Derivative	86 Derivative	86 Derivative	86 Derivative	86 Derivative	86 Derivative