

MSN ID. AF492 0506 ELLA  
R/C NO. 492  
DATE... 01/09/78  
GMT... 20:39:18

LFG 1 1 PT 1 - PT 2  
19780901J1-DATA

\* TIME LAT LON FAD RDAUT HNSPD HD D? DVAL HSL \*\*\*NOTES\*\*  
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\* 20:10:13 N30:21.3 W073:39.5 +18.0 04953 024.0 308 +13.2 +0634 01650  
\* 20:10:26 N30:21.6 W073:38.5 +17.9 04953 024.2 308 +13.5 +0627 01655  
\* 20:10:43 N30:21.8 W073:37.5 +17.4 04953 024.6 308 +13.7 +0636 01658  
\* 20:10:56 N30:22.0 W073:36.6 +17.2 04953 026.0 307 +14.0 +0 21 01653  
\* 20:11:13 N30:22.2 W073:35.6 +17.7 04953 025.8 307 +13.7 +0 21 01653  
\* 20:11:26 N30:22.4 W073:34.6 +17.7 04953 026.2 305 +13.9 +0 32 01657  
\* 20:11:43 N30:22.6 W073:33.6 +17.9 04953 027.1 301 +13.7 +0 32 01657  
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\* 20:12:13 N30:23.1 W073:31.6 +17.5 04953 027.4 295 +14.4 +0643 01658  
\* 20:12:28 N30:23.3 W073:30.6 +17.8 04953 025.2 295 +15.2 +0639 01659  
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\* 20:13:13 N30:24.1 W073:27.7 +17.5 04953 027.9 293 +15.1 +0625 01654  
\* 20:13:28 N30:24.3 W073:26.7 +17.2 04953 027.1 298 +14.9 +0621 01653  
\* 20:13:43 N30:24.6 W073:25.7 +17.6 04953 026.3 291 +14.0 +0614 01651  
\* 20:13:56 N30:24.9 W073:24.7 +17.1 04953 027.4 291 +14.0 +0616 01651  
\* 20:14:13 N30:25.0 W073:23.7 +17.7 04953 028.0 293 +14.6 +0608 01649  
\* 20:14:28 N30:25.2 W073:22.6 +17.5 04953 029.1 294 +14.3 +0628 01655  
\* 20:14:43 N30:25.5 W073:21.6 +17.7 04953 030.7 296 +14.3 +0595 01645 30 NM  
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\* 20:22:13 N30:30.4 W072:50.2 +17.7 04953 041.7 265 +14.9 +0639 01659  
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\* 20:22:58 N30:32.6 W072:48.7 +17.7 04953 040.8 267 +14.7 +0644 01661  
\* 20:23:13 N30:33.4 W072:48.2 +18.1 04953 042.0 262 +15.1 +0666 01668  
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\* 20:29:13 N30:52.3 W072:44.0 +17.0 04953 053.0 276 +16.5 +0 20 01653  
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\* 20:31:14 N30:58.0 W072:40.9 +17.0 04953 063.5 282 +16.9 +0611 01650 63 NM  
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\* 20:31:59 N31:00.2 W072:39.1 +17.5 04953 071.0 282 +16.6 +0607 01649  
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\* 20:32:29 N31:01.6 W072:37.0 +16.8 04953 077.3 285 +17.0 +0583 01641  
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\* 20:34:14 N31:06.5 W072:33.9 +18.4 04953 102.4 278 +17.7 +0578 01648 MW  
\* 20:34:28 N31:07.4 W072:33.3 +18.4 04953 095.0 278 +17.0 +0 75 01648  
\* 20:34:44 N31:08.0 W072:32.9 +19.7 04953 093.3 283 +18.0 +0562 01636  
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\* 20:35:29 N31:10.2 W072:32.3 +19.2 04953 041.7 267 +18.2 +0644 01662  
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\* 20:35:59 N31:11.8 W072:31.6 +21.8 04953 030.0 250 +18.4 +0658 01665  
\* 20:36:14 N31:12.6 W072:31.4 +22.3 04953 019.2 248 +18.7 +0621 01656  
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\* 20:37:29 N31:16.5 W072:29.8 +20.4 04953 032.0 124 +18.7 +0673 01672  
\* 20:37:44 N31:16.3 W072:29.1 +19.4 04953 029.4 131 +18.6 +0666 01669  
\* 20:37:59 N31:15.6 W072:29.1 +19.7 04953 025.1 146 +18.7 +0700 01698  
\* 20:38:14 N31:15.0 W072:29.6 +21.1 04953 024.1 149 +18.7 +0679 01650  
\* 20:38:29 N31:14.3 W072:29.0 +21.4 04953 016.9 159 +18.7 +0 48 01662  
\* 20:38:44 N31:13.8 W072:28.5 +22.7 04953 014.7 176 +18.6 +0 77 01674  
\* 20:38:59 N31:13.2 W072:28.1 +22.5 04953 010.0 185 +18.2 +0 74 01672 HKW  
\* 20:39:14 N31:12.7 W072:28.9 +20.7 04953 004.5 308 +18.2 +0677 01673  
\* 20:39:29 N31:12.1 W072:28.4 +19.5 04953 016.8 320 +18.5 +0683 01675 MW  
\*READY

P1

700901 J

\* MSN ID. AF492 0506 ELLA

\* R/C NO. 492

\* DATE.. 01/09/78

\* GMT... 21:27:59

\*

\* TIME LAT LON FRT RDRLT WNSPD WD DP DVAL HSL \*\*\*NOTES\*\*

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\*21:00:14 N31:14.2 W072:31.7 +22.3 04953 007.5 224 +17.6 +0595 01648

\*21:00:29 N31:15.0 W072:31.5 +21.8 04953 007.6 118 +19.0 +0604 01650

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\*21:01:29 N31:18.3 W072:31.4 +20.1 04953 066.1 092 +18.9 +0 01651 58

\*21:01:44 N31:18.9 W072:31.0 +20.7 04953 074.6 088 +18.3 +0 01632

\*21:01:59 N31:19.4 W072:38.7 +18.8 04953 082.2 093 +19.1 +0 01643

\*21:02:14 N31:19.9 W072:38.4 +19.5 04953 079.7 085 +19.0 +0695 01678

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\*21:02:59 N31:21.7 W072:29.8 +17.0 04953 124.4 109 +19.4 +0644 01661 MN

\*21:03:14 N31:22.4 W072:29.6 +17.1 04953 119.0 110 +19.3 +0665 01668

\*21:03:29 N31:23.1 W072:29.4 +16.8 04953 116.6 107 +19.0 +0621 01653

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\*21:07:59 N31:35.2 W072:23.8 +17.6 04953 068.3 119 +16.8 +0 01649

\*21:08:14 N31:35.9 W072:23.3 +18.0 04953 064.7 119 +16.7 +0 01651

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\*21:09:29 N31:39.2 W072:21.0 +19.0 04953 062.5 123 +16.5 +0 01653

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\*21:11:44 N31:45.4 W072:16.9 +16.7 04953 057.2 132 +16.1 +0 01647

\*21:11:59 N31:46.2 W072:16.5 +16.2 04953 059.0 131 +16.2 +0 01643

\*21:12:14 N31:47.9 W072:16.0 +15.9 04953 058.0 129 +16.1 +0 01640

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\*21:12:44 N31:48.5 W072:15.2 +16.0 04953 063.0 135 +15.8 +0 01640

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\*21:13:29 N31:51.1 W072:14.0 +17.0 04953 063.0 136 +15.0 +0 01657

\*21:13:44 N31:52.0 W072:14.4 +17.0 04953 061.3 136 +15.6 +0 01655

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\*21:14:14 N31:53.9 W072:14.5 +15.5 04953 062.0 133 +15.0 +0 01647

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\*21:14:59 N31:56.6 W072:14.4 +15.5 04953 061.3 128 +14.0 +0 01648

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\*21:16:14 N32:01.2 W072:14.6 +16.5 04953 060.2 135 +14.9 +0 01672

\*21:16:29 N32:02.0 W072:14.1 +16.1 04953 055.0 139 +14.9 +0 01651

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\*21:17:14 N32:04.1 W072:12.7 +16.0 04953 058.0 131 +15.5 +0 01647

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\*21:17:44 N32:05.3 W072:11.6 +16.6 04953 046.0 127 +15.2 +0 01648

\*21:17:59 N32:05.9 W072:11.0 +16.3 04953 045.5 138 +15.5 +0 01650

\*21:18:14 N32:06.4 W072:10.8 +16.1 04953 039.0 129 +15.5 +0 01647

\*21:18:29 N32:06.9 W072:09.0 +16.7 04953 041.5 128 +14.6 +0 01657

\*21:18:44 N32:07.5 W072:09.2 +15.8 04953 046.3 118 +15.6 +0 01650

\*21:18:59 N32:09.9 W072:08.5 +16.9 04953 047.0 125 +15.7 +0 01646

\*21:19:14 N32:08.6 W072:07.9 +15.9 04953 051.7 116 +15.1 +0 01640

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\*21:19:59 N32:10.3 W072:06.2 +17.2 04953 045.6 127 +14.6 +0 01649

\*21:20:14 N32:11.0 W072:05.7 +16.6 04953 041.3 124 +14.9 +0 01648

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\*21:20:44 N32:12.2 W072:04.6 +16.3 04953 046.9 129 +14.7 +0 01647

\*21:20:59 N32:12.8 W072:04.0 +16.2 04953 042.0 127 +14.9 +0 01653

\*21:21:14 N32:13.4 W072:03.5 +16.3 04953 045.0 130 +14.6 +0 01650

\*21:21:29 N32:14.0 W072:02.9 +16.7 04953 045.0 131 +14.6 +0 01661

\*21:21:44 N32:14.6 W072:02.4 +17.2 04953 042.2 132 +13.9 +0 01661

\*21:21:59 N32:15.2 W072:01.8 +17.0 04953 037.4 128 +13.8 +0 01656

\*21:22:14 N32:15.9 W072:01.3 +17.1 04953 036.5 133 +13.8 +0 01663

\*21:22:29 N32:16.4 W072:00.8 +17.0 04953 041.6 128 +12.9 +0 01656

\*21:22:44 N32:17.9 W072:00.2 +16.9 04953 048.0 128 +12.5 +0 01659

\*21:22:59 N32:17.6 W071:59.7 +16.9 04953 038.7 126 +13.8 +0 01656

\*21:23:14 N32:18.2 W071:59.1 +17.3 04953 048.0 124 +13.2 +0 01656

\*21:23:29 N32:18.8 W071:58.6 +17.5 04953 037.6 127 +12.9 +0 01659

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\*21:24:14 N32:20.5 W071:56.9 +17.4 04953 036.8 127 +12.8 +0 01656

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\*21:25:29 N32:23.4 W071:54.1 +18.2 04953 035.5 130 +11.4 +0 01657

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\*21:26:14 N32:25.2 W071:52.4 +18.3 04953 034.2 134 +11.2 +0 01651

\*21:26:29 N32:25.8 W071:51.8 +18.2 04953 034.5 135 +10.9 +0 01654

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\*21:26:59 N32:27.0 W071:50.6 +18.3 04953 034.9 136 +10.6 +0 01657

\*21:27:14 N32:27.6 W071:50.0 +18.4 04953 034.3 137 +10.6 +0 01653

\*21:27:29 N32:28.2 W071:49.4 +18.7 04953 035.2 136 +10.5 +0 01655

\*21:27:44 N32:28.8 W071:49.8 +18.5 04953 034.7 140 +10.2 +0 01654

\*21:27:59 N32:29.5 W071:49.4 +18.7 04953 033.1 139 +10.4 +0 01662 01657

READY

HKB 38

CEG

3  
PT 3 → 2

780901 J

\* MSN ID. AF492 8586 ELLA

\* A/C NO. 492

\* DATE . . . 01/09/78

\* GMT . . . 22:07:50

\*

\*

\* TIME LAT LON FRT RDALT WNSPD MD DP DVAL HSL \*\*\*NOTES\*\*

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\* 21:29:14 N32:30.8 W071:52.8 +19.3 04953 033.8 122 +07.1 +0652 01664

\* 21:29:29 N32:30.4 W071:52.8 +19.0 04953 033.4 122 +08.2 +0651 01663

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\* 21:30:14 N32:29.2 W071:55.2 +18.5 04953 037.8 124 +09.2 +0754 01664

\* 21:30:29 N32:28.8 W071:56.2 +18.5 04953 036.9 122 +09.8 +0742 01668

\* 21:30:44 N32:28.4 W071:57.0 +18.4 04953 037.7 121 +10.5 +0752 01663

\* 21:30:59 N32:28.0 W071:57.9 +18.4 04953 039.6 122 +10.7 +0757 01665

\* 21:31:14 N32:27.6 W071:58.8 +18.2 04953 041.5 123 +10.7 +0656 01665

\* 21:31:29 N32:27.1 W071:59.4 +18.4 04953 039.7 119 +10.9 +0662 01667

\* 21:31:44 N32:26.5 W072:00.0 +18.4 04953 037.4 119 +10.8 +0651 01663

\* 21:31:59 N32:25.9 W072:00.5 +18.2 04953 038.9 121 +11.2 +0655 01664

\* 21:32:14 N32:25.3 W072:01.0 +18.2 04953 038.0 119 +11.5 +0652 01663

\* 21:32:29 N32:24.7 W072:01.6 +18.1 04953 038.2 116 +11.2 +0662 01666

\* 21:32:44 N32:24.0 W072:02.1 +18.0 04953 039.1 114 +11.1 +0657 01665

\* 21:32:59 N32:23.4 W072:02.6 +17.8 04953 038.3 112 +11.5 +0665 01667

\* 21:33:14 N32:22.8 W072:03.1 +17.7 04953 039.3 112 +11.7 +0668 01666

\* 21:33:29 N32:22.1 W072:03.5 +17.5 04953 041.3 115 +12.1 +0661 01666

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\* 21:34:14 N32:20.0 W072:03.9 +17.8 04953 037.1 124 +12.3 +0620 01653

\* 21:34:29 N32:19.3 W072:04.2 +17.3 04953 041.2 123 +12.3 +0617 01652

\* 21:34:44 N32:18.6 W072:04.2 +17.7 04953 039.2 114 +13.3 +0632 01657

\* 21:34:59 N32:18.0 W072:04.6 +16.6 04953 038.4 113 +13.4 +0745 01648

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\* 21:35:59 N32:15.3 W072:03.0 +16.5 04953 043.8 123 +13.6 +0617 01651

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\* 21:37:59 N32:10.1 W072:02.9 +16.4 04953 042.3 119 +15.0 +0608 01649

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\* 21:39:00 N32:07.6 W072:02.6 +15.8 04953 052.6 130 +14.9 +0639 01658 58

\* 21:39:15 N32:06.9 W072:02.5 +15.8 04953 049.7 124 +14.0 +0611 01649

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\* 21:40:15 N32:04.4 W072:02.2 +15.6 04953 049.7 132 +14.3 +0641 01649

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\* 21:41:15 N32:02.0 W072:01.9 +16.5 04953 051.7 136 +13.3 +0597 01645

\* 21:41:30 N32:01.4 W072:01.8 +17.1 04953 052.8 128 +14.2 +0600 01647

\* 21:41:45 N32:00.6 W072:01.7 +17.8 04953 052.9 132 +14.1 +0611 01658

\* 21:42:00 N32:00.2 W072:01.7 +16.7 04953 051.7 135 +14.5 +0624 01654

\* 21:42:15 N31:59.6 W072:01.6 +16.3 04953 052.4 135 +14.6 +0682 01647

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\* 21:42:45 N31:58.4 W072:01.4 +15.7 04953 057.2 125 +14.7 +0629 01655

\* 21:43:00 N31:58.0 W072:01.0 +16.4 04953 057.4 138 +14.2 +0616 01651

\* 21:43:15 N31:57.6 W072:00.5 +16.6 04953 055.7 135 +14.1 +0621 01652

\* 21:43:30 N31:57.2 W072:00.1 +16.6 04953 055.7 136 +14.4 +0632 01656

\* 21:43:45 N31:56.6 W071:59.6 +15.8 04953 056.1 133 +14.9 +0620 01652

\* 21:44:00 N31:56.4 W071:59.2 +15.7 04953 055.4 137 +15.0 +0597 01648

\* 21:44:15 N31:56.1 W071:58.6 +15.7 04953 055.4 136 +15.1 +0737 01648

\* 21:44:30 N31:55.7 W071:58.3 +15.4 04953 055.8 141 +15.0 +0622 01653

\* 21:44:45 N31:55.3 W071:57.9 +15.9 04953 056.9 148 +15.1 +0598 01645

\* 21:45:00 N31:54.9 W071:57.4 +16.5 04953 054.5 143 +15.2 +0618 01652

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\* 21:45:30 N31:54.1 W071:56.4 +16.4 04953 057.1 148 +14.7 +0594 01644

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\* 21:46:00 N31:53.4 W071:55.5 +16.6 04953 057.9 148 +13.9 +0607 01649

\* 21:46:15 N31:52.9 W071:55.2 +17.8 04953 058.1 147 +13.8 +0617 01652

\* 21:46:30 N31:52.3 W071:55.4 +16.4 04953 058.5 145 +13.4 +0625 01654

\* 21:46:45 N31:51.7 W071:55.3 +16.9 04953 057.2 143 +13.5 +0624 01654

\* 21:47:00 N31:51.2 W071:55.3 +16.9 04953 057.1 148 +13.4 +0619 01652

\* 21:47:15 N31:50.6 W071:55.3 +17.2 04953 061.1 149 +13.3 +0621 01653

\* 21:47:30 N31:50.0 W071:55.6 +17.3 04953 058.4 148 +13.5 +0656 01664

\* 21:47:45 N31:49.5 W071:56.2 +17.4 04953 065.8 148 +13.9 +0594 01644 63

\* 21:48:00 N31:49.0 W071:56.7 +17.2 04953 069.1 148 +13.7 +0592 01644

\* 21:48:15 N31:48.5 W071:57.2 +16.1 04953 066.0 148 +13.4 +0618 01649</

+55:85  
+55:86  
+55:86

455

\*54:38:34 M35:53  
\*54:52:28 M35:53

+53°53'53" N35°39'

\*54:58:28 M

\* TIME TEL

280207 2

\*#PTGR

\*

LEG 4

PT 2 → 4

\* MSN ID. AF492 0506 **ELLA**

780901 J

\* A/C NO. 492

\* DATE. . . 01/09/78

\* GMT. . . 22:32:45

\*

\*

\* TIME LAT LON FMT RDALT WNSPD WD DP DVAL HSL \*\*\*NOTES\*\*

\*22:13:00 N31:15.9 W072:33.0 +21.3 04953 024.9 189 +16.2 +0629 01658  
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\*22:30:00 N31:48.5 W073:23.9 +16.8 04953 041.5 045 +16.2 +0636 01648  
\*22:30:15 N31:48.7 W073:24.8 +17.3 04953 041.4 049 +15.8 +0616 01652  
\*22:30:30 N31:48.8 W073:25.9 +16.7 04953 049.0 048 +16.1 +0613 01650  
\*22:30:45 N31:48.9 W073:26.9 +16.4 04953 047.2 053 +16.2 +0626 01654  
\*22:31:00 N31:49.1 W073:27.9 +16.9 04953 044.2 053 +15.9 +0609 01649  
\*22:31:15 N31:49.2 W073:29.0 +17.2 04953 043.2 047 +15.9 +0626 01655  
\*22:31:30 N31:49.4 W073:30.0 +17.4 04953 044.3 048 +15.5 +0597 01646  
\*22:31:45 N31:49.5 W073:31.1 +18.0 04953 045.1 049 +15.8 +0609 01650  
\*22:32:00 N31:49.6 W073:32.1 +17.8 04953 041.5 045 +14.8 +0594 01645  
\*22:32:15 N31:49.8 W073:33.1 +17.5 04953 040.7 044 +14.7 +0578 01639  
\*22:32:30 N31:49.9 W073:34.2 +18.0 04953 039.6 044 +14.7 +0579 01640  
\*22:32:45 N31:50.0 W073:35.2 +17.4 04953 037.6 045 +14.7 +0574 01638 MK0 30

\*READY

\*



LEG 5

P1 A → 2

\* MSN ID. AF492 0506 ELLA

780901 J

\* A/C NO. 492

\* DATE .. 01/09/78

\* GMT.... 22:54:54

\*

\*

\* . TIME LAT LON FAT RDALT HNSPD WD DP DVAL HSL \*\*\*NOTES\*\*

\* 22:33:30 N31:49.5 W073:38.2 +16.8 04953 039.3 045 +14.7 +0585 01641 30

\* 22:33:45 N31:48.5 W073:38.8 +17.1 04953 039.1 043 +14.9 +0583 01641

\* 22:34:00 N31:47.6 W073:38.6 +16.8 04953 039.2 041 +14.7 +0582 01641

\* 22:34:15 N31:46.9 W073:38.1 +17.0 04953 040.2 038 +15.0 +0584 01641

\* 22:34:30 N31:46.5 W073:37.4 +17.0 04953 039.5 038 +14.7 +0591 01640

\* 22:34:45 N31:46.0 W073:36.6 +17.4 04953 037.2 039 +14.3 +0533 01641

\* 22:35:00 N31:45.5 W073:35.9 +17.4 04953 037.6 037 +14.4 +0588 01643

\* 22:35:15 N31:45.0 W073:35.2 +17.5 04953 042.2 037 +14.3 +0575 01639

\* 22:35:30 N31:44.6 W073:34.4 +17.3 04953 042.8 037 +14.2 +0571 01637

\* 22:35:45 N31:44.0 W073:33.7 +17.4 04953 042.5 037 +14.2 +0566 01639

\* 22:36:00 N31:43.5 W073:33.0 +17.0 04953 042.2 034 +14.6 +0535 01642

\* 22:36:15 N31:43.0 W073:32.2 +17.5 04953 040.5 036 +14.4 +0581 01641

\* 22:36:30 N31:42.5 W073:31.5 +16.5 04953 042.2 040 +15.2 +0557 01633

\* 22:36:45 N31:42.0 W073:30.8 +17.0 04953 042.7 036 +15.3 +0588 01643

\* 22:37:00 N31:41.6 W073:30.1 +16.5 04953 046.5 036 +15.3 +0589 01643

\* 22:37:15 N31:41.2 W073:29.3 +16.6 04953 046.7 025 +15.6 +0596 01645

\* 22:37:30 N31:40.9 W073:28.5 +16.7 04953 046.1 032 +16.1 +0585 01642

\* 22:37:45 N31:40.5 W073:27.7 +16.5 04953 044.5 026 +16.3 +0593 01644

\* 22:38:00 N31:40.0 W073:27.0 +16.7 04953 041.7 028 +15.9 +0602 01647

\* 22:38:15 N31:39.5 W073:26.3 +16.9 04953 039.6 028 +16.0 +0613 01650

\* 22:38:30 N31:39.0 W073:25.6 +16.7 04953 043.9 028 +15.8 +0600 01646

\* 22:38:45 N31:38.5 W073:24.9 +17.1 04953 042.1 029 +15.9 +0603 01647

\* 22:39:00 N31:38.0 W073:24.1 +16.8 04953 042.5 028 +15.6 +0609 01649

\* 22:39:15 N31:37.6 W073:23.4 +17.0 04953 042.7 027 +15.5 +0615 01651

\* 22:39:30 N31:37.1 W073:22.6 +17.3 04953 041.1 026 +15.5 +0613 01651

\* 22:39:45 N31:36.6 W073:21.9 +17.1 04953 041.7 029 +15.5 +0602 01647

\* 22:40:00 N31:36.1 W073:21.2 +17.4 04953 042.7 028 +15.5 +0608 01649

\* 22:40:15 N31:35.6 W073:20.5 +16.4 04953 042.5 029 +15.5 +0595 01644

\* 22:40:30 N31:35.1 W073:19.7 +16.5 04953 042.9 028 +15.8 +0599 01649

\* 22:40:45 N31:34.8 W073:18.9 +16.6 04953 041.3 027 +16.1 +06.99 01646

\* 22:41:00 N31:34.5 W073:18.1 +17.4 04953 043.3 026 +16.1 +0534 01648

\* 22:41:15 N31:34.3 W073:17.3 +17.2 04953 042.8 029 +15.7 +0594 01644

\* 22:41:30 N31:34.0 W073:16.5 +17.0 04953 042.3 031 +15.6 +0598 01646

\* 22:41:45 N31:33.7 W073:15.7 +17.1 04953 043.9 031 +15.4 +0599 01646

\* 22:42:00 N31:33.4 W073:14.9 +17.5 04953 042.2 032 +15.3 +0594 01645

\* 22:42:15 N31:33.1 W073:14.1 +17.7 04953 043.7 032 +15.3 +0591 01644

\* 22:42:30 N31:32.8 W073:13.3 +18.0 04953 045.1 032 +15.8 +0591 01644

\* 22:42:45 N31:32.4 W073:12.5 +18.1 04953 044.4 031 +14.9 +0601 01647

\* 22:43:00 N31:32.0 W073:11.9 +18.4 04953 046.1 032 +14.6 +0606 01649

\* 22:43:15 N31:31.6 W073:11.0 +18.7 04953 047.0 033 +15.8 +0596 01646

\* 22:43:30 N31:31.2 W073:10.2 +17.8 04953 049.3 032 +15.8 +0585 01642

\* 22:43:45 N31:30.8 W073:09.5 +18.2 04953 050.0 034 +15.2 +0591 01644 58

\* 22:44:00 N31:30.4 W073:08.7 +17.7 04953 052.4 039 +15.2 +0572 01638

\* 22:44:15 N31:30.0 W073:08.0 +17.4 04953 052.0 036 +15.2 +0579 01640

\* 22:44:30 N31:29.6 W073:07.2 +18.7 04953 051.5 034 +15.8 +0594 01645

\* 22:44:45 N31:29.2 W073:06.5 +17.0 04953 052.1 033 +14.6 +0595 01645

\* 22:45:00 N31:28.8 W073:05.8 +17.1 04953 051.7 035 +16.2 +0511 01650

\* 22:45:15 N31:28.4 W073:05.0 +17.0 04953 053.5 035 +15.8 +05.97 01645

\* 22:45:30 N31:28.0 W073:04.3 +17.4 04953 054.6 034 +16.0 +0614 01651

\* 22:45:45 N31:27.6 W073:03.6 +17.5 04953 053.5 032 +15.6 +0614 01651

\* 22:46:00 N31:27.2 W073:02.8 +17.5 04953 053.0 030 +15.8 +0608 01649

\* 22:46:15 N31:26.7 W073:02.1 +17.3 04953 057.3 032 +14.9 +0610 01650

\* 22:46:30 N31:26.3 W073:01.4 +17.5 04953 057.1 031 +15.2 +0605 01648

\* 22:46:45 N31:25.9 W073:00.6 +17.5 04953 059.6 029 +15.8 +0605 01648

\* 22:47:00 N31:25.4 W072:59.9 +17.2 04953 059.3 030 +16.4 +0591 01644

\* 22:47:15 N31:25.0 W072:59.2 +17.5 04953 057.7 029 +16.3 +0605 01648

\* 22:47:30 N31:24.6 W072:58.4 +17.0 04953 063.0 032 +16.4 +0588 01643 63

\* 22:47:45 N31:24.1 W072:57.7 +17.0 04953 065.4 032 +16.5 +0571 01637

\* 22:48:00 N31:23.6 W072:57.0 +16.9 04953 067.4 035 +16.7 +0575 01639

\* 22:48:15 N31:23.2 W072:56.3 +17.2 04953 067.9 033 +16.8 +0589 01643

\* 22:48:30 N31:22.7 W072:55.5 +17.6 04953 068.1 032 +16.8 +0554 01635

\* 22:48:45 N31:22.3 W072:54.8 +18.9 04953 072.5 032 +16.8 +0578 01648

\* 22:49:00 N31:21.9 W072:54.1 +18.9 04953 072.4 030 +16.9 +0588 01642

\* 22:49:15 N31:21.5 W072:53.4 +18.9 04953 076.2 029 +17.1 +0602 01648

\* 22:49:30 N31:21.0 W072:52.7 +18.6 04953 080.2 029 +16.8 +05.76 01648

\* 22:49:45 N31:20.5 W072:52.0 +18.3 04953 081.9 028 +17.4 +05.93 01645

\* 22:50:00 N31:20.1 W072:51.3 +19.6 04953 085.5 027 +17.5 +0613 01652

\* 22:50:15 N31:19.6 W072:50.6 +19.6 04953 083.7 023 +17.1 +0639 01660

\* 22:50:30 N31:19.1 W072:49.9 +20.9 04953 088.8 021 +16.9 +0650 01665

\* 22:50:45 N31:18.6 W072:49.2 +19.6 04953 081.8 015 +16.8 +0680 01673

\* 22:51:00 N31:18.3 W072:48.5 +18.7 04953 086.4 012 +17.3 +0676 01672

\* 22:51:15 N31:18.1 W072:47.8 +18.8 04953 087.0 011 +17.8 +0632 01658

\* 22:51:30 N31:17.9 W072:47.0 +19.0 04953 092.2 010 +17.9 +0650 01662 MW

\* 22:51:45 N31:17.7 W072:46.2 +17.8 04953 091.3 016 +18.0 +0585 01642

\* 22:52:00 N31:17.4 W072:45.4 +19.3 04953 088.2 014 +18.1 +0553 01632

\* 22:52:15 N31:17.2 W072:44.5 +19.8 04953 082.7 015 +18.2 +0555 01633

\* 22:52:30 N31:17.0 W072:43.7 +19.8 04953 088.3 012 +18.3 +0585 01643

\*#PTGR

\*

LEG 6

PT 2 → 5

\* MSN ID: AF492 0506 ELLA

780901J

\* A/C NO. 492

\* DATE... 01/09/78

\* GMT... 23:22:24

\*

\*

\* TIME LAT LON FRT RDALT WNSPD WD DP DVAL HSL \*\*\*NOTES\*\*

\*22:55:45 N31:14.5 W072:33.5 +19.5 04953 031.4 282 +19.1 +0623 01655 30

\*22:56:00 N31:14.0 W072:34.2 +19.7 04953 025.3 216 +19.2 +0 16 01663

\*22:56:15 N31:14.2 W072:35.0 +19.7 04953 018.3 210 +19.1 +1 41 01661

\*22:56:30 N31:14.4 W072:35.9 +19.5 04953 009.9 208 +19.2 +0646 01663

\*22:56:45 N31:14.5 W072:36.7 +19.5 04953 002.6 312 +19.1 +0.55 01665

\*22:57:00 N31:14.6 W072:37.6 +19.6 04953 006.5 334 +19.2 +0648 01661

\*22:57:15 N31:14.7 W072:38.5 +20.1 04953 018.9 359 +19.0 +0628 01657

\*22:57:30 N31:15.1 W072:39.1 +19.6 04953 022.6 010 +18.8 +0709 01683

\*22:57:45 N31:15.7 W072:38.9 +20.9 04953 018.1 017 +18.7 +0646 01663

\*22:58:00 N31:16.4 W072:38.7 +20.6 04953 021.7 038 +18.4 +0630 01658

\*22:58:15 N31:17.1 W072:38.6 +19.8 04953 026.5 069 +18.4 +0671 01671

\*22:58:30 N31:17.7 W072:38.6 +19.7 04953 035.1 071 +18.7 +0661 01668

\*22:58:45 N31:18.3 W072:38.1 +20.5 04953 035.3 088 +18.7 +0671 01671

\*22:59:00 N31:18.4 W072:37.5 +19.6 04953 034.8 084 +18.8 +0621 01655

\*22:59:15 N31:18.9 W072:36.9 +19.1 04953 034.3 092 +18.7 +0583 01642

\*22:59:30 N31:17.8 W072:36.1 +19.2 04953 031.5 105 +18.9 +0635 01649

\*22:59:45 N31:17.6 W072:35.4 +19.4 04953 032.7 129 +19.0 +0610 01651

\*23:00:00 N31:17.1 W072:34.9 +19.7 04953 029.6 140 +19.0 +0627 01657

\*23:00:15 N31:16.5 W072:34.5 +19.6 04953 026.5 147 +19.2 +0613 01652

\*23:00:30 N31:16.0 W072:34.1 +19.5 04953 032.4 169 +19.1 +0616 01653

\*23:00:45 N31:15.4 W072:33.7 +19.4 04953 036.3 182 +19.1 +0 97 01647

\*23:01:00 N31:14.9 W072:33.3 +19.6 04953 042.3 193 +19.2 +0612 01652

\*23:01:15 N31:14.3 W072:32.9 +19.5 04953 058.0 203 +19.4 +0622 01655 50

\*23:01:30 N31:13.8 W072:32.4 +19.3 04953 068.2 207 +19.2 +0603 01649

\*23:01:45 N31:13.3 W072:31.8 +19.4 04953 073.8 217 +19.1 +0590 01645 63

\*23:02:00 N31:12.9 W072:31.2 +19.1 04953 081.4 220 +19.2 +0615 01653

\*23:02:15 N31:12.5 W072:30.6 +18.8 04953 124.8 221 +19.0 +0521 01622 MM

\*23:02:30 N31:12.1 W072:30.0 +18.3 04953 099.8 213 +18.7 +0634 01658

\*23:02:45 N31:11.8 W072:30.2 +17.8 04953 182.6 215 +18.6 +0581 01641

\*23:03:00 N31:11.6 W072:30.6 +18.8 04953 186.3 216 +18.5 +0529 01624

\*23:03:15 N31:11.2 W072:30.8 +17.7 04953 118.9 220 +18.5 +0511 01619

\*23:03:30 N31:10.9 W072:31.0 +18.0 04953 111.0 225 +18.4 +0572 01638

\*23:03:45 N31:10.6 W072:31.0 +18.3 04953 097.9 226 +18.4 +0608 01650

\*23:04:00 N31:10.3 W072:31.3 +18.0 04953 186.5 229 +18.4 +0528 01624

\*23:04:15 N31:09.9 W072:31.5 +17.8 04953 184.2 227 +18.3 +0622 01648

\*23:04:30 N31:09.5 W072:31.4 +17.9 04953 186.0 229 +18.4 +0623 01654

\*23:04:45 N31:09.1 W072:31.4 +17.8 04953 181.5 229 +18.3 +0612 01651

\*23:05:00 N31:08.7 W072:31.3 +17.5 04953 184.7 229 +18.2 +0693 01648

\*23:05:15 N31:08.2 W072:30.9 +17.8 04953 183.9 226 +18.1 +0 95 01649

\*23:05:30 N31:07.9 W072:30.1 +17.3 04953 182.9 218 +18.0 +6.25 01655

\*23:05:45 N31:07.5 W072:29.3 +17.0 04953 097.9 216 +17.9 +0451 01666 58

\*23:06:00 N31:07.2 W072:28.6 +17.5 04953 095.7 215 +17.7 +0668 01669

\*23:06:15 N31:06.9 W072:28.0 +17.3 04953 091.3 213 +17.5 +0639 01659 62

\*23:06:30 N31:06.5 W072:27.3 +17.0 04953 091.6 211 +17.4 +0663 01667

\*23:06:45 N31:06.2 W072:26.7 +16.8 04953 089.3 212 +16.8 +0661 01666

\*23:07:00 N31:05.8 W072:26.0 +16.8 04953 086.0 212 +16.5 +0657 01664

\*23:07:15 N31:05.5 W072:25.4 +17.2 04953 083.5 212 +16.8 +0653 01663

\*23:07:30 N31:05.1 W072:24.7 +16.6 04953 080.6 215 +16.9 +0654 01663

\*23:07:45 N31:04.7 W072:24.1 +16.6 04953 080.3 213 +16.8 +0634 01657

\*23:08:00 N31:04.3 W072:23.4 +16.5 04953 080.5 207 +17.0 +0581 01648

\*23:08:15 N31:03.9 W072:22.8 +16.9 04953 079.7 208 +16.9 +0637 01658

\*23:08:30 N31:03.6 W072:22.2 +16.7 04953 079.8 208 +16.8 +0632 01657

\*23:08:45 N31:03.2 W072:21.6 +17.0 04953 072.0 207 +17.0 +0622 01653

\*23:09:00 N31:02.8 W072:21.0 +17.0 04953 073.7 209 +17.0 +0646 01661

\*23:09:15 N31:02.4 W072:20.3 +17.1 04953 069.4 208 +17.0 +0632 01657

\*23:09:30 N31:02.1 W072:19.7 +16.8 04953 071.0 208 +17.0 +0634 01657

\*23:09:45 N31:01.7 W072:19.1 +16.9 04953 069.2 208 +17.0 +0 36 01658

\*23:10:00 N31:01.3 W072:18.5 +16.7 04953 070.1 209 +17.0 +1.30 01656

\*23:10:15 N31:00.9 W072:17.9 +16.6 04953 072.4 210 +16.9 +0641 01660

\*23:10:30 N31:00.5 W072:17.3 +16.5 04953 073.9 210 +16.7 +0649 01662

\*23:10:45 N31:00.1 W072:16.7 +17.0 04953 075.5 210 +16.4 +0661 01666

\*23:11:00 N30:59.7 W072:16.1 +17.1 04953 072.4 208 +16.2 +0658 01665

\*23:11:15 N30:59.3 W072:15.5 +16.8 04953 067.7 209 +16.2 +0673 01670

\*23:11:30 N30:58.9 W072:14.9 +16.4 04953 073.1 209 +16.2 +0635 01657

\*23:11:45 N30:58.5 W072:14.3 +16.0 04953 071.0 206 +16.3 +0648 01661

\*23:12:00 N30:58.1 W072:13.7 +16.6 04953 068.4 204 +16.2 +0618 01652

\*23:12:15 N30:57.7 W072:13.1 +16.5 04953 067.8 203 +16.0 +0626 01655

\*23:12:30 N30:57.3 W072:12.5 +16.6 04953 067.4 207 +15.9 +0653 01663

\*23:12:45 N30:56.9 W072:12.0 +16.4 04953 060.6 208 +16.2 +0645 01660

\*23:13:00 N30:56.5 W072:11.4 +16.4 04953 062.9 203 +16.3 +0648 01661

\*23:13:15 N30:56.0 W072:10.9 +16.5 04953 063.5 205 +16.2 +0639 01649

\*23:13:30 N30:55.7 W072:10.2 +16.5 04953 060.6 207 +16.3 +0598 01645

\*23:13:46 N30:55.1 W072:09.7 +16.5 04953 063.5 209 +16.2 +0620 01652

\*23:14:01 N30:54.6 W072:09.1 +16.6 04953 063.2 208 +16.1 +0616 01651

\*23:14:16 N30:54.2 W072:08.5 +16.5 04953 062.1 206 +16.1 +0594 01644

\*23:14:31 N30:53.7 W072:07.9 +16.3 04953 062.2 205 +15.9 +0 03 01647

\*23:14:46 N30:53.3 W072:07.3 +16.1 04953 062.7 206 +15.9 +6.07 01648



LEG 7  
PT 5 → 2

\* MSN ID. AF492 0506 ELLA

780901 J

DJM

\* A/C NO. 492

\* DATE . . . 01/09/78

\* GMT . . . 23:44:14

\*

\*

\* TIME LAT LON FAT RDALT WNSPD WD DP DVAL HSL \*\*\*NOTES\*\*

\*23:24:01 N38:43.7 W071:51.2 +17.0 04953 050.3 190 +13.7 +0648 01659 30  
\*23:24:16 N38:44.2 W071:52.0 +17.0 04953 051.4 190 +14.0 +0635 01658  
\*23:24:31 N38:44.7 W071:52.8 +17.0 04953 052.2 188 +14.3 +0.31 01663  
\*23:24:46 N38:45.2 W071:53.6 +16.9 04953 053.9 187 +14.7 +0.36 01658  
\*23:25:01 N38:45.7 W071:54.2 +17.0 04953 053.4 192 +15.0 +0636 01658  
\*23:25:16 N38:46.2 W071:55.1 +16.9 04953 052.7 194 +14.9 +0632 01647  
\*23:25:31 N38:46.7 W071:55.6 +16.9 04953 053.8 192 +15.3 +0.31 01647  
\*23:25:46 N38:47.2 W071:56.0 +16.9 04953 055.3 195 +15.5 +0615 01651  
\*23:26:01 N38:47.6 W071:57.3 +16.6 04953 055.9 196 +15.6 +0614 01651  
\*23:26:16 N38:48.3 W071:58.1 +17.4 04953 056.7 195 +15.6 +0615 01651  
\*23:26:31 N38:48.6 W071:58.8 +16.9 04953 057.8 196 +15.4 +0615 01651  
\*23:26:46 N38:49.4 W071:59.6 +16.8 04953 056.5 197 +15.5 +0605 01648  
\*23:27:01 N38:49.9 W072:00.3 +16.9 04953 055.7 198 +15.5 +0599 01646  
\*23:27:16 N38:50.4 W072:01.1 +16.7 04953 054.8 197 +15.4 +0599 01646  
\*23:27:31 N38:51.0 W072:01.8 +16.9 04953 056.4 195 +15.3 +0615 01651  
\*23:27:46 N38:51.5 W072:02.6 +16.9 04953 056.0 195 +15.2 +0615 01651  
\*23:28:01 N38:52.0 W072:03.3 +16.8 04953 057.4 196 +15.2 +0599 01646  
\*23:28:16 N38:52.6 W072:04.0 +16.6 04953 059.2 197 +15.2 +0602 01647  
\*23:28:31 N38:53.1 W072:04.8 +16.8 04953 060.3 195 +15.2 +0616 01652  
\*23:28:46 N38:53.6 W072:05.5 +16.9 04953 060.9 197 +15.1 +0628 01655  
\*23:29:01 N38:54.2 W072:06.3 +16.6 04953 062.4 200 +15.4 +0.34 01644  
\*23:29:16 N38:54.8 W072:07.0 +16.6 04953 059.9 204 +15.2 +0.39 01646  
\*23:29:31 N38:55.3 W072:07.7 +16.2 04953 060.6 204 +15.4 +0598 01643  
\*23:29:46 N38:55.9 W072:08.4 +16.3 04953 063.4 203 +15.5 +0.92 01644 63  
\*23:30:01 N38:56.4 W072:09.2 +16.5 04953 062.4 204 +15.5 +0578 01639  
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\*23:44:16 N31:18.6 W072:38.8 +19.2 04953 028.9 214 +19.3 +0617 01653 MW

\*READY

\*

\* 48H0A

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\* 53:43:46 ИЗТ:16 4 М055:40 3 +T8 3 94323 887 3 552 +T8 5 +9833 87228  
\* 53:43:37 ИЗТ:16 6 М055:41 9 +T8 2 94323 884 3 827 +T8 7 +9827 87224  
\* 53:43:16 ИЗТ:58 5 М055:41 8 +T8 5 94323 876 4 632 +T8 7 +9830 87229  
\* 53:43:17 ИЗТ:58 2 М055:45 8 +T8 5 94323 835 4 631 +T8 6 +8 45 87225 NM  
\* 53:45:46 ИЗТ:58 3 М055:43 3 +T8 2 94323 838 3 630 +T8 8 +8 38 87224  
\* 53:45:37 ИЗТ:57 4 М055:43 2 +58 4 94323 838 8 845 +T8 8 +9828 87223  
\* 53:45:16 ИЗТ:57 4 М055:44 2 +58 3 94323 842 8 846 +T8 8 +9828 87223  
\* 53:45:17 ИЗТ:58 2 М055:44 3 +T8 3 94323 845 3 634 +T8 5 +9832 87228  
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\* 53:47:17 ИЗТ:58 4 М055:49 4 +T8 4 94323 877 5 802 +T8 3 +9825 87224  
\* 53:48:46 ИЗТ:16 6 М055:36 2 +T8 7 94323 874 6 728 +T8 5 +9824 87225  
\* 53:48:37 ИЗТ:16 5 М055:38 2 +T8 7 94323 855 5 753 +T8 7 +9824 87225  
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\* 53:38:07 ИЗТ:16 5 М055:33 8 +T8 4 94323 848 3 584 +T8 2 +9825 87224  
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\* 53:33:49 ИЗТ:16 4 М055:25 5 +T8 5 94323 984 2 588 +T

LEG 8 P2 to PT 17  
2<sup>nd</sup> time

\* MSN ID: AF492 8506 [REDACTED]

780901 J

\* A/C NO. 492  
\* DATE... 01/09/79  
\* GMT... 08:11:22

\* TIME LAT LON FAT RDALT WNSPD ND DP I RL HSL \*\*\*NOTES\*\*  
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 \*23:45:16 N31:16. 7 W072:38. 2 +19. 9 04953 038. 6 237 +19. 7 +0.39 01664  
 \*23:45:31 N31:16. 9 W072:38. 9 +19. 2 04953 036. 6 241 +19. 7 +0.630 01657  
 \*23:45:46 N31:17. 3 W072:39. 5 +19. 2 04953 038. 4 245 +19. 8 +0.616 01653  
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 \*23:46:16 N31:18. 0 W072:40. 9 +20. 8 04953 013. 5 276 +19. 9 +0.639 01661  
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