

# Appendix B: Slide Collections

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flt 1, date=89 321

slide sample 1 exposed 144341.40--144343.6 #4 oil -- missed plume  
 slide sample 2 exposed 144511.92--144526.16 #1 soot  
 slide sample 3 exposed 144657.60--144721.36 #2 soot  
 slide sample 4 exposed 144853.74--144918.2 #3 soot -- far behind Lear  
 slide sample 5 exposed 145158.4--145159.78 #5 oil  
 slide sample 6 exposed 145729.28--145729.62 #4 soot  
 slide sample 7 exposed 160831.48--160834.98 #5 soot -- not a plume sample

flt 2, date=89 322

slide sample 9 exposed 144608.2--144617.74 #11 NUSKIN -- not in plume (Ci)  
 slide sample 10 exposed 145158.72--145203.24 #12 NUSKIN -- 100' est distance  
 slide sample 11 exposed 145408.50--145408.86 #13 NUSKIN -- 200'  
 slide sample 12 exposed 145528.24--145533.28 #14 NUSKIN -- 500'  
 slide sample 13 exposed 145704.14--145710.56 #15 NUSKIN -- 1500'  
 slide sample 14 exposed 145912.26--145919.80 #6 oil -- 3000'  
 slide sample 15 exposed 150038.62--150051.6 #7 oil -- 2500'  
 slide sample 16 exposed 150154.32--150200.24 #8 oil -- 1500'  
 slide sample 17 exposed 150332.96--150343.50 #6 impactor-- 1000'  
 slide sample 18 exposed 150448.52--150454.80 #7 impactor-- 1000'  
 no event, sample: 150550 --150559 ? #8 impactor-- 700'  
 slide sample 19 exposed 150702.36--150707.44 #9 impactor-- 300'  
 slide sample 20 exposed 150815.60--150820.70 #10 impactor--100'

flt 3, date=89 323

slide sample 1 exposed 143340.20--143344.60 #9 oil -- 100'  
 slide sample 2 exposed 143449.12--143451.36 #16 impactor--300'  
 slide sample 3 exposed 143606.44--143609.20 #21 impactor--1000'  
 slide sample 4 exposed 143710.26--143713.22 #23 impactor--1500'  
 slide sample 5 exposed 143846.12--143848.44 #22 impactor--3000'  
 slide sample 6 exposed 144028.96--144031.86 #30 NUSKIN -- 4000'  
 slide sample 7 exposed 144214.6--144217.76 #10 oil -- 500'  
 slide sample 8 exposed 144303.96--144307.38 #24 impactor--300' (#27?)  
 slide sample 9 exposed 144420.72--144425.66 #19 impactor--100'  
 slide sample 10 exposed 160720.46--160732.76 /318 impactor -- cld filament

flt 4, date=89 324

slide sample 1 exposed 143812.8--143824.88 -- all samples not in contrail  
 slide sample 2 exposed 144043.4--144051.56  
 slide sample 3 exposed 144250.54--144259.80

flt 5, date=89 410 \*\*\*\*\* slides exposed improperly, this flight

slide sample 1 exposed 174722.18--174733.34 #51 impactor -- clear air  
 slide sample 2 exposed 181846.64--181851.52 #52 impactor -- 100 ft  
 slide sample 3 exposed 181948.16--181952.42 #53 impactor -- lost slide  
 slide sample 4 exposed 182244.36--182251.78 #54 impactor -- 1500 ft  
 #55 impactor -- lost slide  
 slide sample 5 exposed 182432.22--182435.82 #56 impactor -- 800 ft  
 slide sample 6 exposed 182535.38--182541.28 #57 impactor -- lost slide  
 slide sample 7 exposed 182744.42--182750.10 #58 impactor -- lost slide  
 slide sample 8 ?? 182950 --192956 #60 impactor -- 100 ft

flt 6, date=89 411 \*\*\*\*\* slides exposed improperly, this flight

slide sample 1 exposed 125934.68--125935.60 #61 impactor -8C cld layer

slide sample 2 exposed 133624.60--133632.66 #66 Nuskin blank  
 slide sample 3 exposed 143116.26--143122.92 #59 Nuskin  
 slide sample 4 exposed 143302.46--143306.8 #67 Nuskin  
 slide sample 5 exposed 143449.4--143455.44 #68 Nuskin  
 slide sample 6 exposed 143642.26--143645.78 #69 Nuskin  
 slide sample 7 exposed 143827.88--143833.58 #70 Nuskin  
 slide sample 8 exposed 143948.94--143953.18 #62 impactor  
 slide sample 9 exposed 144212.86--144221.58 #63 impactor--partly out holder  
 slide sample 10 exposed 144326.54--144352.84 #64 impactor--several passes  
 slide sample 11 exposed 144502.70--144537.34 #65 impactor--several passes

flt 7, date=89 412 \*\*\*\*\* slides exposed improperly, this flight  
 slide sample 1 exposed 131035.16--131050.82 #52 oil--out of contrail  
 slide sample 2 exposed 131206.54--131305.68 #71 impactor--exhaust, no con.  
 slide sample ? no evnt 131500 - 131530 ? #53 impactor-2 passes exh, no .  
 slide sample 3 exposed 141856.34--141900.52 #54 oil--100 ft  
 slide sample 4 exposed 142046.72--142102.70 #55 oil--500 ft, 2 passes  
 slide sample 5 exposed 142303.76--142321.36 #56 oil--1000 ft, 2 passes  
 slide sample 6 exposed 142505.46--142510.80 #57 oil--800 ft  
 slide sample 7 exposed 142720.40--142724.66 #58 oil--500 ft

flt 8, date=89 412 \*\*\*\*\* slides exposed improperly, this flight  
 slide sample 8 exposed 163034.90--163035.22 #74 impactor--in cloud  
 slide sample 9 exposed 163234.14--163234.60 #72 impactor--in cloud  
 slide sample 10 exposed 163510.98--163511.40 #73 impactor--" "  
 slide sample 11 exposed 163528.22--163528.80 " " " (2nd exp)  
 slide sample 12 exposed 164816.26--164820.72 #57

tape number 1, flt 9, date=89 413  
 slide sample 13 exposed 132206.74--132210.14 #1 impactor -- 100 ft  
 slide sample 14 exposed 132248.60--132256.90 #2 impactor  
 slide sample 15 exposed 132345.14--132350.30 #3 impactor  
 slide sample 16 exposed 132454.76--132502.14 #4 impactor  
 slide sample 17 exposed 132543.74--132547.86 #5 impactor  
 slide sample 18 exposed 132634.62--132638.2 #6 impactor  
 slide sample 19 exposed 132725.30--132728.32 #7 impactor  
 slide sample 20 exposed 132810.10--132829.40 #8 impactor--max distance back  
 slide sample 21 exposed 133051.86--133114.62 #9 impactor  
 slide sample ?? no evnt 133225 - 133239 #10 impactor  
 slide sample 22 exposed 133310.30--133313.64 #11 impactor--300 ft  
 slide sample 23 exposed 133417.82--133422.6 #12 impactor  
 slide sample 24 exposed 133508.52--133512.8 #13 impactor  
 slide sample 25 exposed 133610.34--133617.58 #14 impactor  
 slide sample 26 exposed 133658.74--133702.98 #15 impactor  
 slide sample 27 exposed 133756.62--133800.20 #16 impactor  
 slide sample 28 exposed 133900.42--133903.96 #17 impactor  
 slide sample 29 exposed 133959.36--134004.38 #18 impactor--max dist back  
 slide sample 30 exposed 134049.26--134200.00 #19 impactor  
 slide sample 31 exposed 134441.78--134455.96 #71 oil  
 slide sample 32 exposed 134631.60--134637.44 #70 oil--closest  
 slide sample 1 exposed 141522.72--141525.72 #61 oil  
 slide sample 2 exposed 141650.88--141654.64 #62 oil  
 slide sample 3 exposed 141839.80--141843.30 #63 oil  
 slide sample 4 exposed 142116.38--142120.28 #64 oil  
 slide sample 5 exposed 142235.98--142240.14 #65 oil--closest  
 slide sample 6 exposed 142354.80--142358.26 #66 oil--still close

slide sample 7 exposed 142501.66--142506.4 #67 oil--still close  
 flt 10, date=89 414  
 slide sample 8 exposed 131520.46--131539.84 #20 impactor (2 passes)-100 ft  
 slide sample 9 exposed 131635.22--131643.68 #21 impactor (2) 300 ft  
 slide sample 10 exposed 131743.80--131748.76 #22 impactor (3) 500 ft  
 slide sample 11 exposed 131755.18--131758.50 #22 impactor-another exp.  
 slide sample 12 exposed 131809.30--131811.28 #22 impactor--another exp.  
 slide sample 13 exposed 131914.74--131924.70 #23 impactor (3) 1000 ft  
 slide sample 14 exposed 132056.4--132103.96 #24 impactor (5) 3000 ft  
 slide sample 15 exposed 132117.18--132119.68 #24 repeat exp.  
 slide sample 16 exposed 132140.92--132143.30 #24 repeat exp.  
 slide sample 17 exposed 132153.82--132155.96 #24 repeat exp.  
 slide sample 18 exposed 132210.90--132214.8 #24 repeat exp.  
 slide sample 19 exposed 132338.38--132343.42 #25 impactor (4) 1500 ft  
 slide sample 20 exposed 132352.18--132354.84 #25 repeat  
 slide sample 21 exposed 132407.66--132412.88 #25 repeat  
 slide sample 22 exposed 132509.14--132518.30 #26 impactor (1) 500 ft  
 slide sample 23 exposed 132623.54--132627.36 #27 impactor (4) 300 ft  
 slide sample 24 exposed 132632.52--132634.66 #27 repeat  
 slide sample 25 exposed 132643.26--132645.82 #27 repeat  
 slide sample 26 exposed 132652.84--132656.82 #27 repeat  
 slide sample 27 exposed 132749.56--132752.84 #28 impactor (1) 100 ft  
 slide sample 28 exposed 140832.68--140847.54 #57 Nuskin (3) 100 ft  
 slide sample 29 exposed 140857.14--140905.54 #57 repeat  
 slide sample 30 exposed 140908.88--140909.\*\* #57 repeat  
 slide sample 31 exposed 141107.14--141112.76 #58 Nuskin (3) 1000 ft  
 slide sample 32 exposed 141120.34--141121.98 #58 repeat  
 slide sample 33 exposed 141130.24--141141.30 #58 repeat  
 slide sample 34 exposed 141334.10--141342.64 #120 Nuskin (5) 900 ft  
 slide sample 35 exposed 141356.8--141407.90 #120 repeat  
 slide sample 36 exposed 141415.98--141422.34 #120 repeat  
 slide sample 37 exposed 141429.76--141435.58 #120 repeat  
 slide sample 38 exposed 141443.44--141444.72 #120 repeat  
 slide sample 39 exposed 141639.18--141649.76 #70 Nuskin (3) 400 ft  
 slide sample 40 exposed 141656.8--141659.70 #70 repeat  
 slide sample 41 exposed 141711.14--141717.4 #70 repeat  
 slide sample 42 exposed 141938.92--141949.86 #77 Nuskin (1) 100 ft  
 slide sample 43 exposed 142139.72--142145.88 BLK Nuskin (4) 100 ft  
 slide sample 44 exposed 142149.82--142152.2 BLK repeat  
 slide sample 45 exposed 142201.68--142203.52 BLK repeat  
 slide sample 46 exposed 142210.34--142213.44 BLK repeat  
 slide sample 47 exposed 142405.36--142409.60 #29 impactor (2) 100 ft  
 slide sample 48 exposed 142429.40--142432.68 #29 repeat  
 slide sample 49 exposed 142550.8--142605.90 #75 impactor (2) 100 ft  
 flt 11, date=89 420  
 slide sample #1 impactor--loaded, no exp.  
 slide sample 50 exposed 152805.6--152806.34 #2 impactor  
 slide sample 51 exposed 152916.18--152916.98 #3 "  
 slide sample 52 exposed 153049.44--153050.6 #4  
 slide sample 53 exposed 153321.92--153324.4 #5  
 slide sample 54 exposed 153444.72--153500.00 #6  
 slide sample 55 exposed 153725.68--153726.22 #7  
 slide sample 56 exposed 153955.12--153955.60 #8

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slide sample 57 exposed 154103.22--154103.54 #9  
slide sample 58 exposed 154300.50--154301.36 #10  
slide sample 59 exposed 154419.20--154419.88 #11  
slide sample 60 exposed 154813.52--154813.72 #12  
slide sample 61 exposed 154848.82--154849.44 #13  
slide sample 62 exposed 154933.74--154934.12 #14  
slide sample 63 exposed 155128.94--155129.26 #15  
slide sample 64 exposed 155218.20--155218.88 #16 (slide lost)

