

## MANHOURS AND MATERIAL USAGE ESTIMATES FOR NUPOWER II AND NUPOL

The work times, crew size and material volume projections listed below have been assessed by observing trained cleaning crews using the Nuvite drywash formulas **NuPower II** and **NuPol**. The calculated estimates are offered as an objective goal for a drywash cleaning program that takes full advantage of the added benefits of Nuvites' drywash agents: astringent cleaning with paint protection.

Refer to the 1. <u>Nuvite Drywash Procedures</u>, 2. <u>Frequently Asked Drywash Questions</u> and 3. <u>Nuvite Drywash Training Video</u> for training ideas and procedural steps. Nuvite offers on-site training to customers on a request basis.

**NOTE:** The degree of paint deterioration and soil deposition may affect the volume of material usage and total man-hours required by as much as 10-15% up or down.

\*All Man-Hour estimates are figured on Fuselage and/or Tail only.

<u>Fuselage</u> - includes body-vertical-horizontal but excludes wings.

<u>Tail</u> - includes vertical-horizontal inclusive of No#2 engine when applicable.

On the DC 9 and MD 80 a tailwash includes the tailcone and engine cowls.

Drying times will average 5-8 minutes per cleaning section. Humidity, air temperature and air movement will affect the time required

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Plane Type	MH TailWash +/- 15 %	Crew Size	Material Usage gal	MH Fuselage +/- 15 %	Crew Size	Material Usage gal
F-100	3-4	2-3	1-3	12.4-14.5	3-5	3-4
ATR72	2-3	2-3	1-3	13.5-15.5	3-5	3-5
RJ	3-4	2-3	1-3	12.5-14.5	3-5	3-4
DC9	6-8	2-3	3-5	15.5-18.0	5-8	5-7
MD80	6-8	2-3	3-5	17.5-20.5	5-8	6-8
727	5-7	2-3	2-4	26.0-30.0	5-8	8-11
737	3-5	2-3	2-4	20.0-23.0	5-8	6-8
757	4-6	2-3	3-5	32.0-36.75	8-10	10-13
767	5-7	2-3	3-5	37.5-43.0	8-10	13-17
747	6-8	3-4	4-6	77.0-88.5	10-14	25-31
777	5-7	2-3	3-5	42.5-48.5	8-10	20-26
DC 8	4-6	2-3	3-5	38.5-45.0	8-10	11-14
DC 10	8-10	3-4	4-6	48.5-55.75	10-14	15-19
MD 11	8-10	3-4	4-6	50.0-57.5	10-14	16-20
A300	5-7	2-3	3-5	41.0-47.0	8-10	18-24
A310	5-7	2-3	3-5	39.5-46.0	8-10	16-20
A320	3-5	2-3	2-4	25.5-29.75	5-8	8-10
A330	5-7	2-3	3-5	42.5-48.5	8-10	19-25
A340	5-7	21-3	3-5	42.5-48.5	8-10	19-25