

# AEROSPACE

MRO & AIRCRAFT CLEANING



*Setting the Standard*



# ARROW AEROSPACE SOLUTIONS

Our trained staff work closely with customers to identify best practice and the maximum opportunity for cost savings, from simply adjusting a cleaning schedule to the installation of a new wash plant.

Arrow provides solutions for OEM and MRO operations in both civil and military aerospace, covering a wide range of high specification applications. Engine manufacture and overhaul, precision cleaning of electronic systems and onboard disinsection are just a few examples of where our products are put to work.

We are supported by numerous approvals from leading manufacturers and other authorities. It is critical that the cleaning and maintenance of any aircraft is undertaken with the utmost attention. The process of keeping aircraft clean inside and out has an impact on the health and safety of its passengers and crew.

There are potentially dangerous stowaways on every flight, they will be found on seats and headrests, tray tables and windows. The bacteria that passengers unwittingly carry with them can be a real problem for airline operators.

Solutions developed for specific maintenance applications hold just as much importance as the cleaning solutions developed for inside the aircraft. Arrow can ensure the continued airworthiness of an aircraft with the supply of chemical solutions that comply with industry directives.

Our focus on making the highest quality products and working closely with end users to optimise their process is why major OEMs, airlines and militaries around the world trust Arrow to maintain the safety and reliability of their fleet.





## MAINTENANCE, REPAIR AND OVERHAUL

Safety is always the number one priority for airline operators. Making the correct choice when it comes to selecting the maintenance chemicals used in MRO tasks can both dramatically reduce the level of hazards workers face and ensure the right result, in terms of operational efficiency, is achievable.

Arrow Solutions' range of Aerospace products meet the highest quality standards and most stringent environmental regulations. Solutions including those specially developed for engine overhaul, mechanical and electrical corrosion prevention, as well as the degreasing of critical surfaces have all been developed by Arrow Solutions for right first-time cleaning.

## AIRCRAFT CLEANING SOLUTIONS

Cleaning both civil and military aircraft as efficiently as possible involves plenty of planning, staffing, logistics and well-considered chemicals. Arrow work closely with operators to determine the safest and most efficient schedules and practices for internal and external cleaning requirements.

Arrow Solutions' range of cleaning chemicals for the aerospace industry are the result of extensive research and development collaborations with operators and technicians. Arrow Solutions' deep cleaning, exterior degreasing, heavy stain removal, disinfection and disinsection solutions have consistently provided major airline operators and OEMs with exceptional and economical cleaning outcomes.



Aircraft maintenance, repair and overhaul (MRO) is an essential requirement in preordained conditions of airworthiness.

# MAINTENANCE, REPAIR AND OVERHAUL

## ADHESIVE SPRAY

Multi purpose contact adhesive



400ml aerosol

A036



Synthetic rubber adhesive

## ANTIFREEZE

Ethylene glycol based engine coolant concentrate formulated for optimum performance in diesel engine applications



20lt 1000lt

C366



### STANDARDS

ASTM D3306, ASTM D1384, ASTM D 4340, ASTM D2570, ASTM D2809

Heavy duty antifreeze

## AQUAKLENZ CP

Aqueous, low foaming degreaser with added corrosion inhibitors for spraywash applications



20lt 210lt

C013



Low foaming degreaser

## ARROWIPE 70 IPA

All purpose, alcohol based, hard surface cleaning and degreasing wipes



400 wipes

C920



### APPROVALS

Rolls Royce CSS255 Type A, B, D & E, Rolls Royce MLC104, Rail Cat no. 007/160001

Heavy duty wipe

## ARROWIPE AQUA WIPES

Aqueous, non-flammable, low VOC, low odour and low lint wipes for general cleaning and degreasing and for the removal of wet and semi cured sealants



300 wipes

C836



### APPROVALS

ASTM F 945-12, Rail Cat No. 007/079108, Rolls Royce CSS204 Type A, C & D, Rolls Royce MLC104

Non-flammable degreasing wipe

## CLO-TABS

Convenient and easy to use economical chlorine tablets



6x200 tablets

C052



### APPROVALS

NSF



Powerful disinfectant



## GL REMOVER

Citrus solvent based aerosol for glue and label removal



300ml aerosol

A011

### APPROVALS

NSF K3 – Registration 148371



Label remover

## HANDISAN

70% alcohol based, thickened virucidal and bactericidal hand sanitiser gel



500ml



5lt

C178

### STANDARDS

Passes BS EN 14476 with 2 minute contact time

Hand sanitiser gel

## HANDISAN AEROSOL

70% alcohol based, liquid virucidal and bactericidal hand sanitiser aerosol spray



75ml aerosol

A178

### STANDARDS

Passes BS EN 14476 with 2 minute contact time

Hand sanitiser spray

## LIQUID HANDISAN

70% alcohol based, liquid virucidal and bactericidal hand sanitiser



500ml



5lt

C179

### STANDARDS

Passes BS EN 14476 with 2 minute contact time

Hand sanitiser liquid

## LOTOXANE®

The trusted, safe solution for professional degreasing



500ml trigger



300ml aerosol



5lt



20lt



210lt

A415 / C043

### APPROVALS

Rolls Royce CSS255, Rolls Royce OMAT 1/257G, Airbus CML ABR 9-0140, Airbus AIP1 09-01-002, Boeing D6-17487 Revision L, South African Airways, BAE R10 6026, BAE R10 6027, Lockheed Martin STM32-307 Group 1-6

Solvent cleaner

## LOTOXANE® WIPES

Convenient and versatile degreasing wipes impregnated with Lotoxane®



85 wipes

C043

### APPROVALS

Rail Cat No. 007/025234 (wipes)  
Rail Cat No. 007/025235 (refill)

Solvent cleaner



Aircraft maintenance, repair and overhaul (MRO) is an essential requirement in preordained conditions of airworthiness.

# MAINTENANCE, REPAIR AND OVERHAUL

## LOTOXANE® FAST

A faster drying Lotoxane® variant which evaporates three times faster than standard Lotoxane®



C044

### APPROVALS

Rolls Royce CSS255 Type A,B,D, Rolls Royce OMAT 1/257H, Pratt and Whitney SPOP 208 Solvent Wiping, SPMC 216-1 Solvent Liquid and SPMC 216-2 for Solvent Wipes, ARP1755B

*Solvent cleaner*

## LOTOXANE® FAST WIPES

Convenient and versatile degreasing wipes impregnated with Lotoxane® Fast



C044

### APPROVALS

BAE R10 6026 (cleaning – cold solvent – general purpose) Pratt and Whitney SPOP 208 Solvent Wiping – SPMC 216-2 for solvent wipes, Rail Cat No. 007/025238 (wipes) Delta Air Lines Inc: Approved GE SPM 70-21-23

*fast evaporating solvent cleaner*

## LOTOXANE® HD

Highly refined low odour solvent degreaser with boosted degreasing power



C048

### STANDARDS

Rail Cat No. 007/025224 (20lt)  
Rail Cat No. 007/025225 (210lt)

*Heavy duty degreaser*

## LOTOXANE® HD WIPES

Aqueous, low foaming degreaser with added corrosion inhibitors for spraywash applications



C048

### STANDARDS

Rail Cat No. 007/025236 (wipes)  
Rail Cat No. 007/025237 (refill)  
Rolls Royce CSS255 Type A,B,D

*Heavy duty degreaser*

## POWERSOLVE WIPES

Effective removal of semi-cured adhesives & sealants, lacquers, resins and inks



C842

### APPROVALS

Rolls Royce OMAT and MLC104 approved – CSS255 Type A (Solvent) and CSS226 (wipe material)

*Adhesive remover*

## QED

A fast evaporating, low odour solvent degreaser. Removes oil, grease and particles from metal machinery and electrical components, drying rapidly to a residue free finish



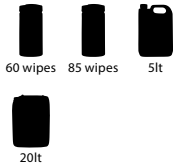
A048

*Workshop degreaser*



## RAPIDE

Advanced residue free degreaser suitable for critical applications



C055



### APPROVALS

Rolls Royce CSS255 Type A, B, D & E, Rolls Royce CSS200, Rolls Royce CSS226, Rolls Royce MLC104, Rolls Royce O/MAT, ARP1755B, ASTM F 945-12, Rail Cat No. 007/007876 (Wipes), 007/007877 (Refill), 007/007878 (5lt) & 007/007879 (20lt)

*Residue-free degreaser*

## SHIELD NF

Non-flammable corrosion preventative, de-waterer and light lubricant



C283



### APPROVALS

Rail Cat No. 007/046107 (500ml)  
Rail Cat No. 007/046108 (5lt)  
Rail Cat No. 007/046109 (20lt)

*Non-flammable anti-corrosive*

## SUPERSOLVE AS

Electronic cleaner for critical surfaces



A145



*Critical surface cleaner*

## ZX-54

Ultra-safe, non-flammable, electro-mechanical 3 in 1 maintenance fluid. Penetrates corroded and seized nuts, bolts and studs, easing release



C410



### APPROVALS

UK DEF STAN 91-72/1 compliant

*Penetrating fluid*



Setting the Standard



# AIRCRAFT CLEANING SOLUTIONS

## AIRCRAFT CLEANER 281

Aircraft approved exterior cleaner and degreaser



C034



### APPROVALS

Airbus UK, AMS 1526C, Boeing D6-17487, Douglas CSD#1, Helicopter Services Norway

*Approved exterior cleaner*

## ANTI-STATIC OPTICAL CLEANER

Ready to use multi purpose anti static cleaner



C196



### APPROVALS

Institute of Naval Medicine – Listed in BR 1326, MOD NATO Stock No: 7930-99-588-1671

*Anti static cleaner*

## DEEP CLEAN

Aircraft approved interior cleaner



C087



### APPROVALS

AMS 1550A, Weber Aircraft Inc

*Approved interior cleaner*

## HANDY FOAM

Foaming hard surface cleaner



A104



### APPROVALS

Rail Cat No: 007/007616 (600ml 9pk)

*Foam cleaner*

## HR10 CHEWING GUM REMOVER

Chewing gum removing gel



C181



### APPROVALS

Rail Cat No: 007/500059 (100ml)

*Chewing gum remover*

## HYPOSAN

High strength hypochlorite bleach for general purpose sanitising and destaining



C020



*Sanitiser & destainer*






### ODOURKILL

Highly effective cleaner and odour neutraliser with a wide range of applications




**C163** 

*Odour neutraliser*

### QUAT FREE HARD SURFACE SANITISER

Ready to use, multi surface sanitiser



**C827** 

**STANDARDS**  
Passes EN1276

*Multi surface sanitiser*

### RTU SUMMER SCREENWASH

Ready to use summer windscreen wash



**C170** 


**APPROVALS**  
Rail Cat No: 007/061010 (20 Lt)  
Rail Cat No: 007/061011 (210 Lt)  
Rail Cat No: 007/061012 (1000 Lt)

*Windscreen wash*

### SANIFOAM

Bactericidal foaming aerosol cleaner



**A044** 


**STANDARDS**  
EN1276

*Bactericidal cleaner*

### SHS LOW FOAM

Versatile, multi-purpose cleaner concentrate



**C437** 



*Multi-purpose cleaner*



Arrow Solutions is a leading manufacturer of professional industrial cleaning and maintenance chemical products.

With a worldwide customer base, our high quality aerosols and liquids are solving problems for thousands of companies every day, and our reputation for innovation and manufacturing excellence is recognised through numerous awards, accreditations and OEM approvals.

Our focus on supplying exceptional products and a commitment to outstanding service ensure that we find the right solution for even the most complex challenges. In response to the challenge of achieving consistently high performance against a background of ever tighter regulation, more professionals trust Arrow to deliver on our promise to set the standard in cleaning and maintenance.

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