



# Engineering Expertise in Aircraft Maintenance Docking

Multi-level Nose Docking System



Fuselage Dock System



Wing dock System



Multi-aircraft Docking System

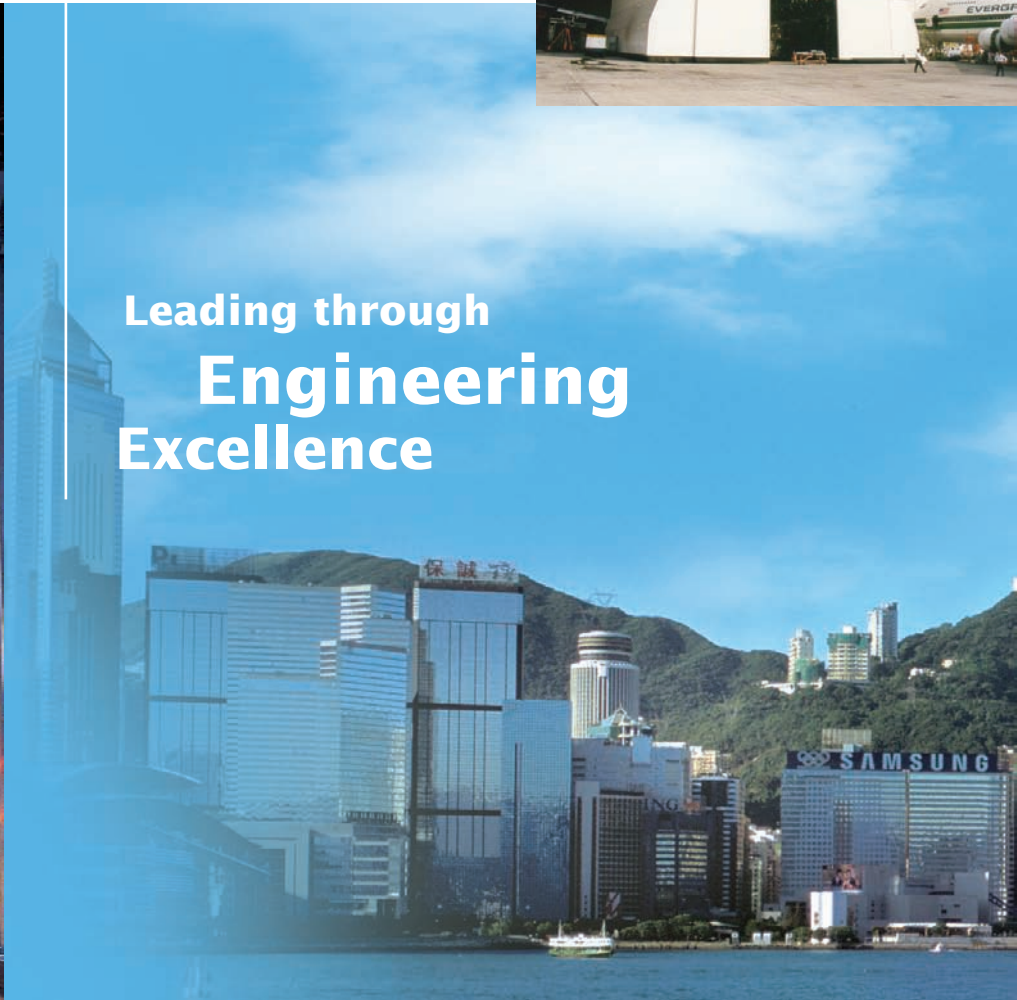
Tail Dock Enclosure



# INTRODUCTION TO AEL



## Leading through Engineering Excellence



### Our background

AEL was incorporated in 1961 and specialized in the provision of repair and maintenance services for airport Ground Support Equipment (GSE) and vehicles at airport. Since then the business has prospered and the Company has diversified into other business including Environmental Engineering, Mechanical Handling System, Steelwork Engineering & Industrial Products Trading.

### Our experience

Over the years, with accumulated experience and a commitment to continuously enhance our service, we have earned an excellent reputation in our industry. On the engineering front, we are also an industry expert in various specialist engineering disciplines and a reliable supplier of airport and engineering equipment.

#### World Wide Map of Major Reference

- For Air Cargo equipment & System like Super Terminal 1 in HK, Mega Cargo Terminal in Dubai, Air China Beijing Air Cargo Terminal etc.
- For Environmental equipment & system like Bel-Air in HK Cyber port, Olympic Village in Beijing, Changsha Refuse Transfer Station.
- For Aircraft maintenance equipment like Vietnam Airline, Hong Kong Aircraft Engineering Co. Ltd., Guangzhou Aircraft Maintenance Engineering Co., Ltd etc.





## 企业简介

联谊工程有限公司(AEL)成立于1961年，初期专为机场地勤设备及车辆提供维修及保养服务。其后业务发展转趋多元化，现时旗下核心业务包括环卫工程、机械运输系统、钢结构工程及工业产品贸易等。

## 经验累积

多年来，我们累积了丰富的经验以及落实致力提升服务素质的承诺，因而在业界建立了良好的信誉。在工程范畴，我们更是各项专业工程的专家和机场及工程设备的可靠供应商。

## 全球实例

- 有关空运货站设备及系统包括：香港超级一号货站，迪拜货站，北京首都机场货站等等。
- 有关环卫设备及系统包括：香港数码港贝沙湾，北辰奥运村，长沙市垃圾转运站等等。
- 有关飞机维护设备包括：越南航空，香港飞机工程有限公司，广州飞机维修工程有限公司等等。



# MAJOR PROJECTS EXPERIENCE



## A Legacy of Engineering Experience



### Our capability

We design, manufacture, install, test & commission various types of docking systems including suspended & grounded ones according to International Standards like European Standard (EN) and British Standard (BS).

We have extended to global business and gained experience on supplying aircraft docking for Military flight at EU air base. Even we built the first Mobile Hanger in the world for tail maintenance.

Our dockings are capable on serving various aircrafts depending on client's requirement. We built those for the following models:

A320, A321, A330-200/300 series, A340-200/300/500/600 series, B737-300/400/500/600/700/800/900 series, B747-100, 200, 300, 400 series, B757, B767-200/300 series, B777-200/300 etc.

### Our reference

5 sets multi-purpose suspended maintenance docking system including nose dock, fuselage dock, tail dock for B747, B777, A330 & A340 series.  
1 set Universal Horizontal Stabilizer Dock for B747, B777, A330 & A340 series

1 set Wing docking system for B777

1 set of multi-purpose suspended tail docking system for B767 series.  
The first in the world of mobile hanger with aircraft docking and crane for aircraft tail maintenance,

1 set multi-purpose universal docking systems for B747, B777, A340 and for A320, A321, B757, B737

1 set multi-purpose suspended docking system including nose dock, fuselage dock, tail dock & a set of wing dock for B747, B777, A340 series.

1 set multi-purpose docking system including nose dock, fuselage dock, tail dock & wing dock for B737, A320 series.

1 set wing dock for B757, A330 series

2 sets nose dock for B737, B757, A320 and A321 series

3 sets Horizontal Stabilizer Dock for B737, B757, A320 & A321 series

2 sets of suspended tail docking system for B747-400, B777 and A340.

3 sets vertical tail dock for B737, B757 & A340 series

1 set engine dock for B747-400, B777 and A340 series

1 set of vertical & horizontal Stabilizer Dock for B777 series

1 set of wing dock for B777 series

1 set of nose dock for B777 series

1 set of fuselage dock for B777 series.

1 set engine dock for B777 series



## 专业实力

根据国际标准(欧洲或英国)设计,生产,安装,测试不同类型的飞机维修平台系统如悬挂式及座地式。

业务发展达至全球,参与供应给欧洲空军基地作军机维修用及兴建全球首创首座流动式飞机维修库。

可切合客户实际需求,以混合设计供不同机种使用。我们的设备可配合已下机种。

A320, A321, A330-200/300 series, A340-200/300/500/600 series, B737-300/400/500/600/700/800/900 series, B747-100,200,300,400 series, B757, B767-200/300 series, B777-200/300 etc.

## 项目经验

5套多用途悬挂式维修坞包括:机头坞,机身坞,机身坞,垂尾坞 - B747, B777, A330 和 A340 系列

1套多用途平尾坞 - B747, B777, A330和A340 系列

1套大翼坞 - B777 系列

1套多用途悬挂式垂尾坞 - B767系列

流动式飞机维修库

1套多用途飞机维修坞 - B747, B777, A340, A320, A321, B757和B737系列

1套多用途悬挂式维修坞包括:机头坞,机身坞,垂尾坞及大翼坞 - B747, B777 和 A340 系列

1套多用途维修机坞包括:机头坞,机身坞,垂尾坞及大翼坞 - B737和A320系列

1套大翼坞 - B757及A330系列

2套机头坞 - B737, B757, A320和A321系列

3套多用途平尾坞 - B737, B757, A320和A321系列

2套悬挂式垂尾坞 - B747-400, B777和A340系列

3套垂尾坞 - B737, B757和A340 系列

1套发动机维修坞 - B747-400, B777和A340系列

1套垂尾和平尾坞 - B777系列

1套大翼坞 - B777系列

1套机头坞 - B777系列

1套机身坞 - B777系列

1套发动机维修坞 - B777系列



# FULL RANGE OF AIRCRAFT DOCKING SYSTEMS



**Providing  
Total Solution  
to Our Customer**





## Our products

- 1 Suspended Fuselage Dock System
- 2 Nose Dock System
- 3 Combined Fuselage Dock System
- 4 Vertical Tail Dock System
- 5 Horizontal Tail Dock System
- 6 Wing Dock System

## 设备简介

- 1 悬挂式机身坞
- 2 机头坞
- 3 分体式座地机身坞
- 4 垂尾坞
- 5 平尾坞
- 6 大翼坞



**ASSOCIATED ENGINEERS, LTD.**

23/F., Stelux House, 698 Prince Edward Road East, San Po Kong, Kowloon, Hong Kong  
Tel: (852) 2767 1000 Fax: (852) 2767 2000 Email: [info@ael.hk](mailto:info@ael.hk)

[www.ael.hk](http://www.ael.hk)