



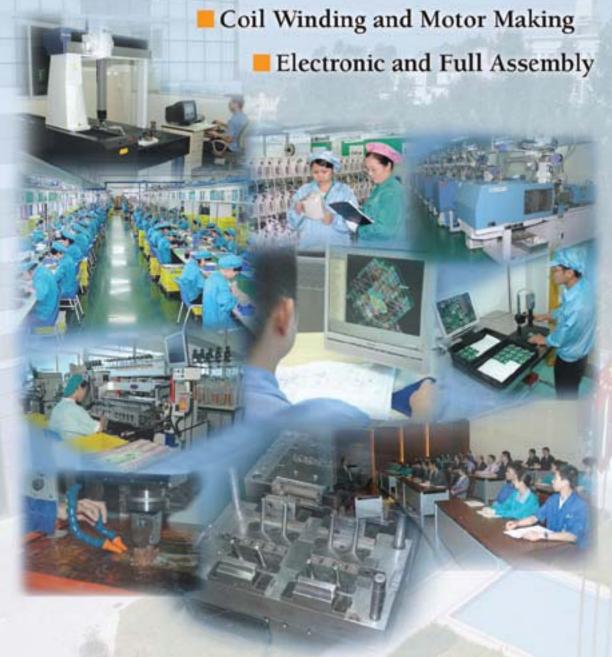
## FOUNDING JOURNAL 創章章刊

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### 香港航空業協會創會會慶 民航處處長賀辭

香港航空業協會自成立以來,一直以推動本地航空業的發展為目標,成功凝聚了各範疇的航空專家,為航空業打造及推廣形象。有賴航空業界的專業精神及熱誠服務,香港的航空業近年錄得強勁增長,發展前景亦十分樂觀。

民航處一直致力於安全及有效率的航空系統,並全力配合本地航空業的發展,包括投資航空基建設施、引入各民航局互相認可核准的機制、以及協調航空安全規定的實施等。本處的工作目標與香港航空業協會的理念一致 — 加強與各地航空業機構的技術合作及交流,藉此鞏固香港作為國際及地區航空樞紐的地位,同時令香港成為通往中國內地的主要門戶。

香港航空業協會高瞻遠矚,致力提升本地航空業的競爭力,我衷心感謝協會所作出的 貢獻。適逢香港航空業協會創會會慶之際,本人謹此致賀。本著伙伴合作精神,本處期望 與香港航空業協會加強合作,為香港航空業的發展共同努力。

民航處處長羅崇文太平紳士

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### **Aloysius Tay Executive Director Association of Aerospace Industries (Singapore)**

On behalf of the Association of Aerospace Industries (Singapore) or AAIS, I would like to take this opportunity to congratulate the Hong Kong Aviation Industry Association (HKAIA) on its 1st Inauguration Ceremony and Founding Anniversary.

The proximity to Mainland China and also a dominant transit hub for air travel and cargo, coupled with further liberalisation of the aviation market between Hong Kong and the Mainland, and the breakthrough in air services arrangements between Hong Kong and India, signifies the importance of the aviation industry in Hong Kong. HKAIA is thus entrusted to lift the aviation market to greater heights.

We at the AAIS believe that the Executive Committee for the HKAIA will clearly steer the Association to new milestones and surface as a leading organisation in the Aviation Industry.

We wish the Association the very best and have a great Anniversary celebration!

### **Aloysius Tay Executive Director** Association of Aerospace Industries (Singapore)

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香港航空青年團司令







### Congratulations to Hong Kong Aviation Industry Association on its First Inauguration Ceremony and Founding Anniversary

On behalf of Vocational Training Council, I would like to extend our sincere congratulations to the Hong Kong Aviation Industry Association on its First Inauguration Ceremony and Founding Anniversary.

The establishment of HKAIA signifies the concerted efforts of professionals who are committed to promoting the development of Hong Kong's aviation industry. The Association is a welcome addition to the local aviation community for its forward-looking vision to further enhance the competitiveness of the industry and to prepare it to face the new challenges ahead. We are confident that HKAIA will receive strong support from various sectors in Hong Kong and we are honoured to be one of the organizations that will be working closely with HKAIA.

We wish the Association every success in the future.

## **Dr Carrie Willis**Executive Director Vocational Training Council







# Mr. Christopher Gibbs Engineering Director Cathay Pacific Airways Limited

Dear Jackson

Many congratulations on the formation of the Hong Kong Aviation Industry Association. The HKAIA will assist an already rapidly expanding Hong Kong aviation industry by fostering initiatives which enhance competitiveness and assist in training and development. I wish the HKAIA every success and look forward to providing my personal support.

Yours sincerely

**Christopher Gibbs** 

**Engineering Director** 

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# David Lui Chief Executive Officer Hong Kong Airlines Limited

Hong Kong Aviation always roots its pride in its Airport Infrastructure, Airlines and Maintenance Repair Organizations. When we compare the Civil Aviation Industries between Hong Kong SAR and Singapore, Hong Kong is dwarfed by the lack of proliferation of certain sectors. In order to maintain Hong Kong's competitiveness in aviation, there is a compelling need to complement our aviation industries with strong incumbents in the underdeveloped areas such as Aircraft Leasing & Financing sector, Aircraft parts manufacturing etc.

Hong Kong Aviation Industry Association provides an open platform to consolidate our current successes and expand into these new areas. I would like to congratulate Mr. Jackson Ho and his committee in their achievement in paving the solid foundation of the association and wish them every success in the future.

**David Lui**Chief Executive Officer
Hong Kong Airlines Limited







### Congratulatory Message for the Hong Kong Aviation Industry Association March 2008

### Message from Hong Kong Dragon Airlines Limited

Congratulations to the Hong Kong Aviation Industry Association on its first Executive Committee Inauguration and Founding Anniversary.

As a Hong Kong-based airline, Dragonair is proud to play an important role in establishing Hong Kong as the premier gateway to the Mainland and enhancing the city's position as a major international aviation hub.

We are pleased to see the establishment of the Association which will play an important role in boosting the international competitiveness of the Hong Kong aviation industry and help to promote business and technical cooperation with overseas and Mainland partners.

I would like to wish the Association every success in the coming years. We are confident it will help Hong Kong become an even more important part of the international aviation market in terms of technical development.

### **Kenny Tang**

Chief Executive Officer







# Mr. Enoch Lam Chief Executive Jardine Aviation Services Group

On behalf of Jardine Aviation Services, it gives me great pleasure to congratulate the Hong Kong Aviation Industry Association on the joyous occasion of its 1st Executive Committee Inauguration and Founding Anniversary.

The Association and its exemplary efforts in promoting the interests of Hong Kong's aviation industry are instrumental to our collective success, and certainly prides the leading position of Hong Kong in the international aviation arena.

Congratulations again on the achievement and wishing the Association continued success for many years to come!

Mr. Enoch Lam

Chief Executive

Jardine Aviation Services Group



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香港鑄造業協會會長



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# 致後途納統

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# 1st Executive Committee Inauguration Ceremony and Founding Anniversary Dinner of Hong Kong Aviation Industry Association on 28 March 2008 President's Message

Distinguished Guests, Members, Ladies and Gentlemen,

On behalf of the Hong Kong Aviation Industry Association, it is my great honour to welcome you to the Founding Dinner Party and the Inauguration Ceremony of our First Executive Committee.

Built on the reputation of excellence, the civil aviation industry of Hong Kong has maintained remarkable safety record, renowned management and quality system and outstanding maintenance standards in the world. As an international aviation hub of the region, Hong Kong International Airport (HKIA) provides direct connections to more than 150 cities around the world. It was voted the World's Best Airport in the Annual Skytrax Survey 6 times in the past 7 years. In 2007, a record high of 47.8 million passengers throughput placed HKIA the 5th in the world and 3.74 million tonnes of cargo kept us at the top of the international cargo throughput. The first A380 Airbus that flew over Victoria Harbour during last year's Asian Aerospace Expo showcased the credit of the Hong Kong aviation industry. Being one of the contributors, we share the pride of all these achievements.

Promulgated by the Hong Kong Productivity Council and the support by the local industrialists, the non- profit aviation organization, namely the Hong Kong Aviation Industry Association (HKAIA), was established on the 29th August 2006 with a mission to promote the development of Hong Kong aviation industry and to enhance its competitiveness. The Association consists of four divisions, namely Manufacturing, Service and Maintenance, Professional and Quality System, and Investment and Trading. Currently we have more than 60 members of which over 50 are corporate members from renowned enterprises, airlines, aircraft maintenance organisations, technology research and development organisations, training institutions and manufacturers of products in different trades. Our individual members comprise of professionals from different sectors including investors, academics, quality assurance consultants and professional pilots.

Based on CAAC annual report, in 2007 the air transport industry in mainland carried 387 million passengers and 8.61 million tonnes of air cargo and mail. According to their forecast it will carry 1.4 billion passengers and 30 million tonnes of air cargo and mail in Year 2020. With the geographic advantage at the south gateway of mainland, together with our efficient management, quality systems and the experience in global partnership, our contribution will not be restricted to the local aviation industry but extend to mainland to cope with the tremendous growth in the next few years.

We have a great aspiration to the formation of the HKAIA. Apart from exploring business opportunities in Hong Kong and mainland for Hong Kong industrialists, we are committed to guide them to develop the manufacturing of aircraft non-critical parts. We will also proactively assist the training of aviation maintenance personnel to cater for the increasing demand in the industry. Certainly, to the new comers who prepare to take this challenge, we will lead them to understand that "Participation in this industry is not just a business, but a long term commitment and contribution to aviation safety".

In the past 12 months, with the support from the Hong Kong Civil Aviation Department, the Hong Kong Trade

## Message from Mr. Jackson Ho, MH, Founding President of the HKAIA 香港航空業協會創會會長何懿德先生.MH獻辭

Development Council, the Vocational Training Council and people in the industry, Hong Kong Productivity Council and we had organized a number of different activities including overseas visits, business matching, seminars, and aviation related trainings. All these activities were well received with exceptional high participation.

The HKSAR Government had rendered tremendous support to the improvement and development of tourism, logistics, environmental protection and education in recent years. It had subsidized the Automotive Parts Research and Development Centre for the Research and Development of new technologies in auto-parts manufacturing. This year one of our missions is to act as a communication bridge between our industry and the government, aims to seek for similar support from the government in the research, development and training so that we can stay in pace with the blooming industry. This will definitely enhance the competitiveness of Hong Kong aviation industry in the global market.

Last but not least, thank you for your participation. Without your support, we would not be able to be here tonight. I would like to thank Mr. Albert Lee, Chairman of the Dinner Party Organizing Committee and his team, and the colleagues from the Hong Kong Productivity Council for rendering assistance. I would like to extend my gratitude to all Vice Presidents and committee members of the Association who had given me great support in the past 18 months.

Finally, please allow me to express my profound appreciation to the guidance given by our Honorary Chairmen, Mr. Norman Lo, Dr T.L. Ng, Mr. Cliff Sun, Founding Advisor Mr. L.M. Li from the Hong Kong Productivity Council, Honorary Advisors Dr W.K. Lo of the Hong Kong Institution of Engineers, Mr. David Lui of the Hong Kong Airlines, Mr. Christopher Gibbs of Cathay Pacific Airways and Hon Miriam Lau, the Legislative Councilor. Thank you Hong Kong Productivity Council. You have done a great job for Hong Kong on the mission, which many had thought impossible.

I wish you good health and prosperity in the coming years. I also wish the aviation industry of the mainland and Hong Kong will fly towards a very bright future. Thank You!

Jackson Ho, MH

Founding President 28 March 2008



### 2008年3月28日 香港航空業協會周年晚宴暨 第一屆理事就職典禮 創會會長獻辭

尊敬的中國民用航空總局適航審定司周凱旋副司長、香港特區民航處處長羅祟文太平紳士、 美國聯邦民航局(FAA) Mr Michael Daniel、香港生產力促進局總裁馮永業先生、尊敬的各位領導、 各位嘉賓、各位會員:

大家好!在這春暖花開,萬物欣欣向榮的美好季節,我們迎來了香港航空業協會創會後的第一次晚宴。在此,我謹代表香港航空業協會向大家表示熱烈的歡迎和誠摯的問候。

大家都知道香港民航業,無論在安全、管理、品質和維修這四大範疇都保持著卓越的國際水平,成績斐然。香港國際機場在過往七年有六年取得世界最佳機場殊榮。香港是國際航空樞紐,與世界超過150個城市有直接航線;香港國際機場在2007年的吞吐量刷新紀錄,客運量達4780萬人次,在全球排行第五位;而貨運量亦有374萬公噸,保持世界之冠。去年亞洲國際航空展覽會期間全新的A380空中巴士在維港上空低飛是香港民航史上一項創舉。這都是我們香港人值得驕傲的地方。

在香港生產力促進局的積極推動下,我們得到了本地企業的支持,一個本港前所未有同類型非牟利的香港航空業協會終於在2006年8月29日正式註冊成立,旨在促進香港航空業的發展及提高競爭力。香港航空業協會由四個不同界別的成員組成:包括製造業、服務及維修業、品質系統管理,以及投資及貿易。今日我們已經有60多個會員,其中包括50多家本港著名企業、航空公司,飛機維修單位,科研機構、培訓機構和製造商。我們的個人會員亦包括財經界、教育界、品管及飛行等專業人士。

根據中國民用航空總局的預測,未來內地航空載客量將會由2007年的3億8千7百萬人次增加到2020年的14億人次,而載 貨量亦會由2007年的861萬噸增加到2020年的3000萬噸。香港地處祖國南面閘口,位處亞洲中心,擁有非常高效的管理 模式及品管制度,並與國際保持著良好的夥伴關係。我堅信,我們不但可以協助推動香港未來航空事業,亦可以對祖國 未來航空業的發展盡一點棉薄之力。

鯤鵬水擊三千,扶搖而上九萬里。我們對香港航空業協會的成立有著遠大抱負,除了開展本地和內地航空業內商機,協助香港企業發展機艙及非主要飛機零配件製造外,亦會積極培訓航空維修技術人才,以配合本地和內地未來航空業人才的需求。當然對於那些有意投身航空業的新朋友、我們會令他們清楚明白投身航空業要求極嚴格,而且門檻很高,這不是一項普通的生意,而是一個對航空安全的長期承諾。

過去的一年,在業界、香港民航處、貿易發展局、職業訓練局等機構的鼎力支持下,香港生產力促進局聯同香港航空業協會舉辦了多項不同類型的活動,其中有講座、海外考察團和與航空有關的專業培訓,反應非常熱烈。

在特區政府的積極支持下,我們看到香港的旅遊、運輸、環保、教育等發展,有著明顯的改善。而汽車業零配件研發製造方面亦受惠於政府慷慨的資助,得以推廣創新科技的發展。今年我們其中一個首要任務是希望香港航空業協會成為業界和政府溝通的橋樑,積極爭取特區政府對發展未來的航空業研發和培訓方面的資助,使本港航空業發展尤其是飛機零部件製造和維修業能夠在國際市場上更具競爭力。

今晚的周年晚宴能夠順利舉行,我要再次感謝各位的蒞臨,同時我亦要衷心感謝籌委會主席──李耀林先生和籌委會各委員的努力工作,包括香港生產力促進局的同事。也要多謝各位副會長和各位理事在過去一年對我的支持,使我們的會務發展能越做越好。當然我亦要多謝名譽會長──香港民航處處長羅崇文太平紳士、伍達倫博士太平紳士、孫啟烈太平紳士、創會顧問李利民先生、名譽顧問呂榮照先生、盧偉國博士太平紳士、Mr Christopher Gibbs 和劉健儀立法會議員對我的指導!最後我要為香港航空業協會的誕生向香港生產力促進局致萬二分謝意!

祝願大家身體健康!工作愉快!生意興降!亦希望祖國和香港的航空業百尺竿頭,更進一步!謝謝大家!

創會會長 **何懿德** 

2008年3月28日



### **Hong Kong Aviation Industry Association**

With the active support of local enterprises and the Hong Kong Productivity Council (HKPC), the Hong Kong Aviation Industry Association (HKAIA) was established on 29th August 2006. In order to better promote the development and enhance the competitiveness of Hong Kong's aviation industry, the HKAIA is registered to become a formal industrial association namely "Hong Kong Aviation Industry Association (HKAIA)".

In the future, the HKAIA is going to assist Hong Kong industrialists who are interested in aviation components and service industry to explore and diversify into the aviation business and to develop a close network and collaboration relationship with Mainland China, overseas aviation industries as well as related organizations. The HKAIA will be composed of corporate members heavily engaged in the high value-added components design and manufacturing, service and maintenance, professional and quality systems as well as trading and business investment sectors.

### **Objectives**

- To formulate short and long term strategies and action plans to expand Hong Kong's business into aircraft parts manufacturing;
- To promote business and technical co-operation with potential partners in Mainland China and overseas;
- To develop close network and relationship with the aviation industries in Mainland China and overseas;
- To conduct market research and establish information database related to aviation business;
- To foster the communication, interaction and co-operation among Members and to establish liaison with and convey the collective opinions to government bodies, industrial or trade organizations;
- To serve the interest, build up the reputation and promote the image and capabilities of Hong Kong's aviation industry; and
- To assist in upgrading the technology, engineering and management skills of the industry so as to improve its performance and enhance its competitiveness in the international market.

### 香港航空業協會

在本地企業的積極支持下,香港航空業協會於2006年8月29日正式成立以促進香港航空業的發展及提高競爭力。香港航空業協會由四個不同界別的成員組成:製造、服務及維修、專業及品質系統和投資及貿易。

未來,香港航空業協會將輔助有興趣發展航空零部件、器具或服務的香港實業家探索及拓展航空業務,並與中國及海外 航空業界及團體建立緊密網絡和合作。

### 目標

- 制定短期及長期策略及行動計劃以協助香港開拓航空部件業務;
- 促進港商與中國及海外商家積極建立業務及技術合作的伙伴關係;
- 與中國及海外的航空同業建立緊密的網絡及聯繫;
- 進行有關航空業務的市場研究及建立相關的資料庫;
- 加強會員間的溝通、交流及合作以建立聯繫網絡以便向政府、工業或貿易組織提交集體意向;
- 致力服務、建立聲譽及提升香港航空業的形象及能力;及
- 協助提升航空業的技術、工程及管理技巧,以改善其在國際市場上的表現及加強競爭力。

### List of Honorary Chairman, Founding Advisor, Honorary Advisor, Honorary Auditor

### 名譽會長、創會顧問、名譽顧問、名譽核數師



Honorary Chairman Mr. Cliff SUN, BBS, JP 名譽會長 孫啟烈先生, BBS, 太平紳士 Kinox Enterprises Ltd. 建樂士企業有限公司



Mr. Norman LO, JP 名譽會長 羅崇文, 太平紳士 Hong Kong Civil Aviation Department 香港民航處



Honorary Chairman
Dr. NG Tat Lun, BBS, JP
名譽會長
伍達倫博士, BBS, 太平紳士
Hong Kong Quality Assurance Agency
香港品質保證局



Honorary Advisor
Mr. David LUI
名譽顧問
呂榮照先生
Hong Kong Airlines Limited
香港航空有限公司



Founding Advisor
Mr. LM LI
創會顧問
李利民先生
Hong Kong Productivity Council
香港生產力促進局



Honorary Advisor Dr. WK LO, MH, JP 名譽顧問 盧偉國博士, MH, 太平紳士 The Hong Kong Institution of Engineers 香港工程師學會



Honorary Advisor
Mr. Christopher GIBBS
名譽顧問
簡柏基先生
Cathay Pacific Airways Ltd.
國泰航空公司



Honorary Auditor
Mr. Simon CHIU
名譽核數師
趙孝純先生
Simon Chiu & Associates Limited
東榮財務及商業咨詢顧問有限公司



President
Mr. Jackson Ho, мн 會長
何懿德先生, мн

Dah Chong Hong - Dragonair Airport GSE Service Ltd. 大昌-港龍機場地勤設備服務有限公司

Professional and Quality System 專業及品質系統



Vice-President
Mr. Calvin TAN
副會長
陳志強先生
ULTRATECH MOLD Design & Mfg.,
Co., Ltd.
雅達模具設計製造有限公司

Manufacturing 製造



Mr. Daniel YIP 副會長 葉中賢先生 GEW Corporation Limited 通用製造廠有限公司

**Vice-President** 

Service and Maintenance 服務及維修



Dr. Angus CHEUNG 副會長 張謙華博士 China Aircraft Services Limited 中國飛機服務有限公司

Investment and Trading 投資及貿易



Vice-President
Mr. Simon WONG
副會長
王幹芝先生
Argo Global Capital, LLC
雅高金融有限公司



Honorary Secretary
Mr. Billy WONG
名譽秘書
王福祥先生
S.K.I. Industrial Co Ltd
聖光實業有限公司



Honorary Treasurer Mr. Simon LEUNG 名譽司庫 梁嘉平先生 Keensound Industries Ltd. 敬誠實業有限公司

### Other Executive Committee Members 其他理事



Mr. Alfred AU 歐傑豪先生 Inmold Technology Ltd. 研美達實業(深圳)有限公司



Mr. Benjamin CHAN 陳偉傑先生 Yu Hing Manufacturing Company Limited 裕興製造有限公司



Mr. David CHAN 陳國偉先生 Aerial Enterprises (HK) Ltd. 全航企業(香港)有限公司



Mr. Henry CHAN 陳漢雄先生 Vigor Precision Ltd. 力嘉精密有限公司



Dr. John CHAI 查逸超博士 Fook Tin Technologies Ltd. 福田科技有限公司



Miss Angel CHEUNG 張嘉欣小姐 DAS Aviation Support Limited 大昌-港龍航村支援有限公司



Mr. CHOW Yat Wah 鄒益華先生 Morning Sun (HK) Ltd. 初出日(香港)有限公司



Mr. Peter HO 何稼楠先生 Techworld Industrial Ltd. 科匯工業有限公司



Mr. Julian HUNG 孔憲森先生 Hong Kong Dragon Airlines Limited 港龍航空有限公司



Mr. IP Pok Sum 葉博森先生 NTK (HK) Ltd. 智擇(香港)有限公司



Mr. Albert LEE 李耀林先生 Providence Enterprise Limited 香港匯進企業有限公司



Mr. KK LEE 李國強先生 Hong Kong Productivity Council 香港生產力促進局



Mr. LIU Wai Keung 廖偉強先生 Sheng Hui (Hong Kong) Technology Limited 香港昇暉科技有限公司



Dr. James LO 勞致偉博士 Lomak Industrial Company Ltd. 樂域實業有限公司



Mr. Geoffrey SHIM 沈澤輝先生 Pan Asia Pacific Aviation Services Ltd. 泛亞太平洋航空服務公司



Dr. TSUI Ping Kwong 徐炳光博士 Shing Hing Industrial Limited 誠興行實業有限公司



### 香港大昌港龍航空服務集團

大昌港龍航空服務集團于 1997 年成立,彙聚大昌行三十多年車輛維修之豐富經 驗,港龍航空機場服務之專業知識,以實力維厚的母公司中信泰富作爲強大的後 盾及美國/挪威 Teleflex/Nordisk、國航和東航爲合作夥伴,配合公司「以客爲 尊、以人爲本」的營運理念,加上專業的技術人才及先進的電腦系統,爲香港、 北京、上海及新加坡機場提供以下一站式的優質服務。

### 服務範疇

- →各類型空運設備包括航空貨箱、貨板及貨網、飛機餐車、貨機機艙裝卸設備等 的保養及維修
- ♣各類地面設備及特種車輛的保養及維修
- ▲車輛、非動力地面設備及航空貨板的租賃服務
- ◆非動力地面設備的製造
- ♣代理德國 Schopf 飛機牽引拖車

### 品管及航空維修執照

香港大昌-港龍機場地勤設備服務有限公司 ISO9001/2000, HKAR145, FAR145,

ISO9001/2000, HKAR145, FAR145, JMM, TA (TCCA/HKCAD), TA (CAAS/HKCAD)

香港大昌一港龍航材支援有限公司 香港大昌一港龍空運設備有限公司 香港大昌一港龍海外發展有限公司 北京鳳凰大昌航空設備維修有限公司 上海東實航空地面設備有限公司 大昌一港龍航空支援新加坡有限公司

FAR145, CCAR145, JMM, ISO9001/2000 FAR145, CCAR145 FAR145, SAR145, TA(CAAS/HKCAD)



### 歡迎聯絡我們!

地址: 香港大嶼山香港國際機場航膳東路 13 號

電話: (852) 2215 0323 傳真: (852) 2707 0386

網址: http://www.dasgroup.com.hk

電郵: das@dchmsc.com.hk





# OEM &



## supplier in aviation parts manufacturing

Fook Tin is the OEM/ODM supplier of consumer and commercial weighing instruments, health care and medical devices and aviation components with headquarters in Hong Kong, and production facilities in Shenzhen, China.

> The Company provides customers full-service manufacturing, solutions from product design to delivery. We are proud to consistently offer products of innovative designs and technologies under a cost-effective and vertically integrated manufacturing system. We are committed to bring to our customers products that are the latest in technology, the most practical in use and the highest in quality. With competence and diversity, our development, production, quality teams turn innovative ideas into reality.

The company is certified in ISO9001, ISO13485, ISO14001, OHSAS18001 and IECQ QC 080000 HSPM. This ensures that our management system performs effectively under the international standard of quality; environmental performance, occupational health and safety as well as hazardous substances process management, and is qualified for medical devices design and manufacturing.

We apply management tools such as Just in Time, Failure Mode and Effect Analysis, Standard Practice Time, 6 SIGMA, Statistical Process Control, Total Productive maintenance, Quality Control Circle, and 5S to Maintain, improve and enhance our quality and productivity.

### PRODUCTION CAPABILITY

- · NTEP and OIML approved load-cell manufacturing for use in professional weighing devices 1K, 10K and 100K Class clean room
- Wire bonding
- · Surface mounted re-flow system
- Printed Circuit Board module assembly
- · Plastic injection molding up to 650 tons
- Metallic stamping with hydraulic press up to 250 ton pressure and 260 ton progressive stamping system
- · Die-casting for both zinc and aluminum alloys
- Automatic spray-painting system
- · Robot-controlled powder coating
- Numeric controlled coil and heat transfer application
- · Carton production

### DEVELOPMENT CAPABILITY

- Product design
- Micro-controller software development
- Analog electronic hardware design
- PCB layout
- Mechanical design
- Tooling design

















### Aerial Enterprises (HK) Ltd. 全航企業(香港)有限公司



#### Hong Kong Address 香港地址:

Rm. 5, 21/F., Wing Hing Industrial Bldg., 83-93 Chai Wan Kok St., Tsuen Wan, Kln., Hong Kong

香港荃灣角街83-93號榮興工業大廈2105室

Name of Representative 代表人姓名:

MR CHAN Kwok Wai David

陳國偉先生 Position 職位

Director and General Manager

董事總經理

Tel 電話: (852) 2412 3383 Fax 傳真: (852) 2412 2180

Email 電郵: dchan@aerial.biz.com.hk Date of Establishment 成立日期: 1996 Total no. of employee 員工數目:60

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Service & Maintenance

Major Market 主要市場: Hong Kong / China Products/Services 產品/服務:

Aviation products & Engineering Support

### **Aviation Total Technical Solution**

亞太航空技術服務有限公司

#### Hong Kong Address 香港地址:

Unit 18, Room 107, 1/F., FoTan Industrial Centre, 26-28 Au Pui Wan Street, Fo Tan, N.T.

香港新界火炭坳背灣街26-28號富騰工業中心1樓107室18號

Name of Representative 代表人姓名

MR Richard Y. K. Cheong 鐘育強先生

Position 職位: Director 總監

Tel 電話: (852) 9181 9151 Fax 傳真: (852) 2633 6706

Email 電郵: richard.cheong@attshk.com

Website 網址: www.attshk.com Nature of Business 業務性質 Aviation consultant Products/Services 產品/服務:

Provides technical support services/solutions such as:

New/Used Aircraft Technical Management - Aircraft definition, sourcing, acquisition & evaluation; Contractual negotiation; Technical Acceptance; Bridging & Maintenance Program/Schedule (AMS); Phase-in records & configuration; Lease return & aircraft health/status monitoring; C of A & local NAA compliance; Aircraft Entry-Into-Service and phaseout records & configuration.

Aircraft Operation and Organization Support Services - Air Operator Certificate (AOC); HKAR-145, E3 & JAR-21 Approval; Audits; Safety Management System & risk assessment; AMS review & management and maintenance control set-up.



Bon Way International Logistics Ltd.

邦威國際物流有限公司



### Hong Kong Address 香港地址:

Rm 910, 9/F., Comm. Bldg, Airport Freight Forwarding Ctr., 2 Chun Wan Road, Chek Lap Kok

香港赤鱲角駿運路2號空運中心商業大樓9樓910室

Name of Representative 代表人姓名:

MR Ray CHAN Hon Hoi

陳漢海先生 Position 職位 **Managing Director** 

董事總經理

Tel 電話: (852) 2799 9213

Fax 傳真: (852) 2237 0778

Email 電郵: olive.chan@bonway.com.hk Website 網址: www.bonway.com.hk Date of Establishment 成立日期: 2002 Total no. of employee 員工數目: 10

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: Logistics Major Market 主要市場: Hong Kong Products/Services 產品/服務: Logistics



Boshi Industries Limited 保捷工業有限公司



### Hong Kong Address 香港地址:

Rm 1202-04 Harbour Crystal Centre, 100 Granville Road, TST East, Kln., Hong Kong

香港九龍尖沙嘴東部加連威老道100號港晶中心1202-1204室

Name of Representative 代表人姓名

MR CHAN Yan Ting Gordon

陳仁錠先生 Position 職位: C.F.O

行政總裁

Tel 電話: (852) 2323 8871 Fax 傳真: (852) 2323 6016 Email 電郵: boshi@boshifilter.com Website 網址: www.boshifilter.com Date of Establishment 成立日期: 1985 Total no. of employee 員工數目: 1200

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場:

U.S.A / Canada / Europe / Australia

Products/Services 產品/服務

Oil Filters, Fuel/Diesel Filters, Air Filters, Cabin Filters, Heavy Duty **Filters** 

Brand 品牌: Boshi



### **List of Corporate Members**



Cathay Pacific Airways Limited 國泰航空公司

#### Hong Kong Address 香港地址:

8/F Central Tower, Cathay Pacific City, 8 Scenic Road, Lantau, HKIA 香港大嶼山香港國際機場觀景路8號國泰城中座8樓

Name of Representative 代表人姓名:

MR Steve CHADWICK

卓蔚麒先生 Position 職位

General Manager Engineering Technical

工程總經理

Tel 電話: (852) 2747 8364 Fax 傳真: (852) 2141 8364

Email 電郵: steve\_chadwick@cathaypacific.com

Website 網址: www.cathaypacific.com Date of Establishment 成立日期: 1946 Total no. of employee 員工數目: 19,000

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: Airline

Major Market 主要市場 HK and other destinations Products/Services 產品/服務:

Cargo and Passenger Airline Services

Brand 品牌 Cathay Pacific





#### Hong Kong Address 香港地址:

Unit 301, 3rd Floor, 12 Tung Fai Road, Hong Kong International Airport, Lantau, Hong Kong

香港大嶼山香港國際機場東輝路12號中航大廈3樓301室

Name of Representative 代表人姓名

DR CHEUNG Him Wah Angus

張謙華博士 Position 職位: C.F.O 行政總裁

Tel 電話: (852) 2261 2888 Fax 傳真: (852) 2261 2388

Email 電郵: angus.cheung@casl.com.hk

Website 網址: www.casl.com.hk Date of Establishment 成立日期: 1994 Total no. of employee 員工數目: 1000

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Service and Maintenance

Major Market 主要市場:

Hong Kong

Products/Services 產品/服務:

Line & Base Maintenance, Cabin Cleaning and Ground Services Equipment



Clariant 科萊恩(中國)有限公司



### Hong Kong Address 香港地址:

Sandoz Centre, 1-5/F., 178-182 Texaco Rd., Tsuen Wan, N.T., Hong Kong 香港新界荃灣德士古道178-182號山德士中心一至五樓

Name of Representative 代表人姓名:

MR LI Ying Wai Nelson

李英偉先生 Position 職位:

Project Manager 項目經理

Tel 電話: (852) 2406 4111 Fax 傳真: (852) 2506 1639

Email 電郵: nelson.li@clariant.com Website 網址: www.clariant.com Date of Establishment 成立日期: 1980 Total no. of employee 員工數目: 200

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場:

**Greater China** 

Products/Services 產品/服務:

Masterbatches & additives for aerospace & automotive industry

COMAX Comax Industrial Co., Ltd. 高銘實業有限公司

Hong Kong Address 香港地址:

Rm. 505, Sunbeam Centre, 27 Shing Yip St., Kwun Tong, Kowloon, Hona Kona

香港九龍官塘成業街27號日昇中心五樓505室

Name of Representative 代表人姓名

MR PONG Kai Wing

龐啟榮先生 Position 職位

General Manager

總經理

Tel 電話: (852) 2389 1395 Fax 傳真: (852) 2341 6237

Email 電郵: kwpong@comaxhk.com, sales@comaxhk.com.hk

Website 網址: www.comaxhk.com.hk Date of Establishment 成立日期: 1986 Total no. of employee 員工數目: 1800

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場:

Worldwide

Products/Services 產品/服務: Difference kinds of switches



### **List of Corporate Members**

### 公司會員名錄



CVI Modern Technology Development Limited



Hong Kong Address 香港地址:

910 Lu Plaza, 2 Wing Yip Street, Kwun Tong, Kowloon, Hong Kong Name of Representative 代表人姓名:

MR Robert YAN 嚴兆葭先生 Position 職位: Product Manager

Tel 電話: (852) 2776 6921 Fax 傳真: (852) 3585 2061

Email 電郵:robert@hkpolymer.com Website 網址:www.hkpolymer.com Date of Establishment 成立日期:1983 Total no. of employee 員工數目:15

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Products/Services 產品/服務:



Dah Chong Hong - Dragonair Airport GSE Service Ltd. 十日 洪海鄉思州斯列伊昭敦

大昌 - 港龍機場地勤設備服務 有限公司



13 Catering Road East, Hong Kong International Airport, Hong Kong 香港大嶼山香港國際機場航膳東路13號

Name of Representative 代表人姓名:

MR HO Yee Tak Jackson

何懿德先生 Position 職位

Director and General Manager

董事總經理

Tel 電話:(852) 2215 0323 Fax 傳真:(852) 2707 0386 Email 電郵:jho@dchmsc.com.hk Website 網址:www.dasgroup.com.hk Date of Establishment 成立日期:1996 Total no. of employee 員工數目:200

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Maintenance Service

Major Market 主要市場:

Mainland China / Hong Kong / Singapore

Products/Services 產品/服務:

Provision of quality service on the repair and maintenance of Airport Ground Support Equipment and aircraft components.

Approval holder of HKAR145, FAR145, JMM, TA-CAAS / HKCAD, TA-CCS / HKCAD; and ISO 9001/2000.



DAS Aviation Support Limited 大昌-港龍航材支援有限公司



Hong Kong Address 香港地址:

5/F, Dragonair House, 11 Tung Fai Road, Hong Kong International Airport, Lantau, Hong Kong

香港大嶼山香港國際機場東輝路11號港龍大廈5樓

Name of Representative 代表人姓名

MISS CHEUNG Ka Yan Angel 張嘉欣小姐

Position 職位:

Senior Manager (Commercial & Business Development)

高級經理(商務及發展) Tel 電話: (852) 2215 0325 Fax 傳真: (852) 2707 0386

Email 電郵:angelcheung@dchmsc.com.hk Website 網址:www.dasgroup.com.hk Date of Establishment 成立日期:1999 Total no. of employee 員工數目:300

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: Maintenance Service & Manufacturing Major Market 主要市場: Hong Kong / Mainland China / Singapore Products/Services 產品/服務:

Provision of quality service on the repair and maintenance of aircraft components in Singapore, Beijing and Shanghai.

Approval holder in Singapore (FAR145 SAR145, TA-CAAS / HKCAD); Beijing (CCAR145, FAR145, JMM, ISO 9001 / 2000); Shanghai (CCAR145, FAR145).

Design and fabricate non-power ground support equipment and steelworks. Agent of German "Schopf" aircraft push back tow tractors and leasing of aircraft cargo unit load devices.



DeHua Material Testing Co. Ltd. 德華材料檢測有限公司



Hong Kong Address 香港地址:

Unit 1 to 2, 20/F., Hung To Road, Kwun Tong, Kowloon, Hong Kong

香港九龍觀塘鴻圖道1號20樓1-2室 Name of Representative 代表人姓名:

MR NG Wing Hong Narman 吳永康先生

Position 職位: CEO 執行董事總經理

Tel 電話:(852) 2856 3280
Fax 傳真:(852) 2579 1380
Email 電郵:dehua@hknet.com
Website 網址:www.dehua.com.hk
Date of Establishment 成立日期:1991
Total no. of employee 員工數目:50

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: Trading

Major Market 主要市場: China / Hong Kong / Macau

Products/Services 產品/服務: Distributors of many well known European and American non-destructive testing and sample preparation products by employing ultrasonic, x-ray, magnetic particles, dye penetration, eddy current, magnetic flux leakage, gamma-ray, impact, sound resonance and metallographic technologies which have been used by all aircraft, aero engine and aero space industries in China and Hong Kong for quality control purpose.

Brand 品牌: Sonatest, Balteau NDT, Dakota Ultrasonic, Atlantis, ATM, NDT Systems and Services, IntelligeNDT Systems and Services, Pruftechnik, NDT solutions, Harfang Microtechniques, Tiede, Belec, Bosello, Vizaar, United, Force Technology, Colenta, Knorr Technik, Force Technology, MRX Technologies



### Fook Tin Technologies Ltd. 田科技有限公司



### Hong Kong Address 香港地址:

4/F Eastern Centre, 1065 King's Road, Quarry Bay, Hong Kong 香港鰂魚涌英皇道1065號東達中心4字樓

PRC Address 國內地址

16 Li Xin Rd., Dan Zhu Tou Ind. District, Bu Ji, Shenzhen, China

Postal Code: 518114

中國深圳市布吉丹竹頭工業區立信路16號 郵編:518114

Name of Representative 代表人姓名

DR CHAI Yat Chiu John 查逸超博士

Position 職位: Managing Director 董事總經理

Tel 電話: (852) 2960-7288 Fax 傳真: (852) 2565 9672

Email 電郵: admin@fooktin.com.hk, angelchoi@fooktin.com.hk

Website 網址: www.fooktin.com.hk Date of Establishment 成立日期: 1963 Total no. of employee 員工數目: 3000+

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質:

Exporting & Manufacturing - Electrical & Electronic Products

Major Market 主要市場: Global Products/Services 產品/服務

Weighing instruments, health care and medical devices and aviation components

Brand 品牌

Terraillon, Hanson, Scaime, Arpege Master K, Scaleman, Fukuda, PTI



### G.E.W.

### **GEW Corporation Limited** 通用製造廠有限公司



#### Hong Kong Address 香港地址:

7/F, Meyer Industrial Building, 2 Chong Yip Street, Kwun Tong, Kln., Hong Kong

香港九龍觀塘創業街2號美亞工業大廈7字樓

Name of Representative 代表人姓名

MR YIP Chung Yin Daniel

Position 職位: Managing Director

董事總經理

Tel 電話: (852) 2343 8211 Fax 傳真: (852) 2343 1647 Email 電郵: daniel@gewcorp.com Date of Establishment 成立日期: 1974 Total no. of employee 員工數目: 2200

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場:

Europe / USA / Canada / Asia Australia / Japan

Products/Services 產品/服務: Toaster, Oven, Iron



Go Star Precision Co. Ltd. 星達精密有限公司



### Hong Kong Address 香港地址:

Flat 14, 14/F., Blk. A, Vigor Ind. Bldg., 14-20 Cheng Tat Road, Tsing Yi, N.T. Hong Kong

香港新界青衣長達路14-20號偉加大廈14樓14室A座

PRC Address 國內地址

Huaide, Fumen Town, Dongguan City, Guangdong, China

中國廣東省東莞市虎門鎮懷德管理區下廟村

Name of Representative 代表人姓名: MR LEE Wai Man 李偉文先生

Position 職位: General Manager 總經理

Tel 電話: (852) 2432 7281 Fax 傳真: (852) 2432 3036 Email 電郵: wm.lee@gostar.com.hk

Website 網址: www.gostar.com.hk Date of Establishment 成立日期: 1991 Total no. of employee 員工數目:500

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質:來料加工

Major Market 主要市場: Hong Kong / Singapore / USA / EUR

Products/Services 產品/服務

Metal Parts for Household Products, Electronics products, Automobile Accessories, Optical-fiber Telecommunication Equipment, Luminant Display Producrts.

本公司配備 CNC 加工中心,CNC 車床、鋁、鋅合金壓鑄及模具製造,專業生產:精密五金零件,應用於家居用品,電子產品,汽車配件, 光纖通訊器材及光電顯示器材



Goodrich Asia-Pacific Ltd.



### Hong Kong Address 香港地址:

21 On Lok Mun St., Unit 6-7, 1/F World Trade Square, Fanling 粉嶺安樂門街21號豐貿廣場一樓6-7室

Name of Representative 代表人姓名

MR TSANG Wing Hang Tony

曾永鏗先生 Position 職位:

General Manager

總經理

Tel 電話: (852) 2683 0331 Fax 傳真: (852) 2683 0163 Website 網址: www.goodrich.com Date of Establishment 成立日期: 1992 Total no. of employee 員工數目: 46

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Maintenance Services

Major Market 主要市場: Asia Products/Services 產品/服務:

Goodrich Asia-Pacific Ltd. is a jointly controlled company, set up by Hong Kong Aircraft Engineeing Company Ltd. and Goodrich Corporation in 1992. We proude aircraft carban brake muchiving and aircraft wheel and brake overnaul to both local and overseas airlines. Our major market is Asia.

### Guang Zhou Jing Yi Machinery Co. Ltd. 廣州精益機械有限公司



#### PRC Address 國內地址:

Da Long Industrial Zone, Shiji Town, Panyu, Guang Zhou 廣州市番禺石基鎮大龍村工業區

Name of Representative 代表人姓名:

MR LI Yi Ming 李毅明先生 Position 職位:

General Manager

總經理

Tel 電話: (020) 3456 0707 / (020) 8455 9559

Fax 傳真: (852) 3456 0009 Email 電郵: lym8882004@21cn.com

Date of Establishment 成立日期: 2001 Total no. of employee 員工數目: 120

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Aviation Support

Products/Services 產品/服務:

航空地面設備及零件、工業爐及其配套設備、汽車檢測臺 (航空公司、



### Hong Kong Airlines Limited 香港航空有限公司

#### Hong Kong Address 香港地址:

2/F CNAC House, 12 Tung Fai Road, HK International Airport 香港國際機場東輝路12號中航大廈2樓

Name of Representative 代表人姓名

MR Ren Wei Dong

任衛東先生

Position 職位

**Executive Chairman** 

行政總裁

Tel 電話: (852) 2559 1966 / (852) 2296 1229

Fax 傳真: (852) 2215 3028

Email 電郵: winnieng@hkairlines.com Website 網址: www.hkairlines.com

Type of membership 會員類別: Corporate Member



### Hong Kong Dragon Airlines Limited

DRAGONAIR 港龍航空有限公司



### Hong Kong Address 香港地址:

L5., Dragonair Hse, 11 Tung Tai Road, Lantau, Hong Kong 香港大嶼山香港國際機場東輝路11號港龍大廈5樓

PRC Address 國內地址: (if has)

Name of Representative 代表人姓名:

MR Julian HUNG

孔憲森先生

Position 職位:

Manager Engineering

經理 - 工程部

Tel 電話: (852) 3193 3110 Fax 傳真: (852) 3193 8835

Email 電郵: julian.hs.hung@dragonair.com

Website 網址: www.dragonair.com Date of Establishment 成立日期: May 1985 Total no. of employee 員工數目:3000

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: Public transport of passenger and cargo

Major Market 主要市場: Mainland China destinations

Products/Services 產品/服務:

Passenger and cargo operation

Brand 品牌

Dragonair



Hong Kong Institute of Vocational Education (Tsing Yi) 香港專業教育學院(青衣分校)



### Hong Kong Address 香港地址:

C350, Department of Engineering, 20 Tsing Yi Road, N.T., Hong Kong 香港新界青衣島青衣路二十號C350室工程系

Name of Representative 代表人姓名

MR O Hin Ming, Brian

柯賢明先生

Position 職位: Head of Department 系主任

Tel 電話: (852) 2436 8645 Fax 傳真: (852) 2436 8643 Email 電郵: bhmo656@vtc.edu.hk Website 網址: http://eng.vtc.edu.hk Date of Establishment 成立日期: 1993 Total no. of employee 員工數目: 500

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: Academic

Products/Services 產品/服務

Academies VTC was established in 1982 and IVE (Tsing Yi) is one of the nine IVE campuses. IVE (Tsing Yi) is a course provider for secondary school graduates with mainly Higher Diploma HD courses. One of the HD courses is HD in Aircraft Maintenance Engineering which is a 3-Yr course and in operation since 2003; the course provides 80 HD graduates each year and they are recognized by CAD for the CAT B skill training.

職業局於1982年成立而青衣分校則在1993年開始招生。青衣分校的主要職能是培訓中學畢業生繼續進修高級文憑課程。而飛機維修工程高級文憑是其中一個三年制的課程。每年這個課程有80畢業生,課程是 香港民航處認可及符合CATB要求





### Hong Kong Address 香港地址:

MTD, 5/F., HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong 香港九龍達之路78號生產力促進局大樓5樓製造科技部

Name of Representative 代表人姓名:

MR LEE Kwok Keung Thomas

李國強先生 Position 職位:

**Principal Consultant** 

首席顧問

Tel 電話: (852) 2788 5551 Fax 傳真: (852) 2788 5543 Email 電郵: kklee@hkpc.org Website 網址: www.hkpc.org Date of Establishment 成立日期: 1967 Total no. of employee 員工數目:600

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: Consultancy

Major Market 主要市場: Hong Kong / China

Products/Services 產品/服務: **Consultancy Services** 



Hoi Po Metal Manufactory Co. Ltd. 海寶五金製造廠有限公司



#### Hong Kong Address 香港地址:

Block D, G/F., Phase One, Hung Cheong Industrial Centre, 12 Tsing Yeung Circuit, Tuen Mun, N.T., Hong Kong

香港新界屯門青揚街12號鴻昌工業中心第一期D座地下

Name of Representative 代表人姓名

DR Cheung Wai Kwan

張偉君博士 Position 職位: President 董事長

Tel 電話: (852) 2463 6117 Fax 傳真: (852) 2455 1090 Email 電郵: hoipohk@hoipo.com.hk

Website 網址: www.hoipo.com.hk Date of Establishment 成立日期: 1985

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場:

Worldwide

Products/Services 產品/服務: Automotive Parts, Metal Products

Inmold Technology Ltd. 研美達實業(深圳)有限公司



### Hong Kong Address 香港地址:

Unit No. 1109-10, 11/F., Prosperity Center, 25 Chong Yip Street, Kwun Tong, Kowloon, Hong Kong

香港九龍觀塘創業街25號創富中心11字樓9-10室

Name of Representative 代表人姓名:

MR AU Kit Ho Alfred

歐傑豪先生 Position 職位 **Managing Director** 董事總經理

Tel 電話: (852) 2793 3583 Fax 傳真: (852) 2793 1583

Email 電郵: mail@imt.com.hk, alfred@imt.com.hk

Website 網址: www.imt.com.hk Date of Establishment 成立日期: 2000 Total no. of employee 員工數目: 450

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質

IMD/IML product from R&D to mass production

Major Market 主要市場: USA / Europe / China Products/Services 產品/服務: IMD Tableware for Airline Industry

In-Services Asia Ltd.



Hong Kong Address 香港地址:

1/F., 80 Chun Choi Street, Tseung Kwan O Industrial Estate, Kowloon Name of Representative 代表人姓名

MR Sebastien WEBER

Position 職位 General Manager

Tel 電話: (852) 2260 6688 Fax 傳真: (852) 2260 4052

Email 電郵: sweber@insasia.zodiac.com Website 網址: www.intertechnique-services.com

Date of Establishment 成立日期: 2001 Total no. of employee 員工數目: 20

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Service and Maintenance

Major Market 主要市場:

Asia Pacific

Products/Services 產品/服務:

Aircraft Spares Sales and Repair



Joyas Manufacturing Limited 彩仕製品廠有限公司



### Hong Kong Address 香港地址:

22/F., Park Building, 476 Castle Peak Road, Kln., Hong Kong 香港九龍青山道476號百佳商業中心22樓

PRC Address 國內地址

中國廣東省深圳市龍崗區橫崗鎮六約牛始埔工業區

Name of Representative 代表人姓名:

DR LAU Chor Beng Peter

劉楚彬博士 Position 職位:

Managing Director

董事總經理

Tel 電話: (852) 2408 0880 Fax 傳真: (852) 2408 0906 Email 電郵: info@joyas.com.hk Website 網址: www.joyas.com.hk Date of Establishment 成立日期: 1991

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場:

Worldwide

Products/Services 產品/服務:

Gift and Premium



Keensound Industries Ltd. 敬誠實業有限公司



### Hong Kong Address 香港地址:

Flat E2, 9/F., Hoi Bun Industrial Bldg., 6 Wing Yip St., Kwun Tong, Kowloon, Hong Kong

香港九龍官觀榮業街6號海濱工業大廈9樓E2室

Name of Representative 代表人姓名

MR LEUNG Kar Ping Simon

梁嘉平先生 Position 職位 Managing Director

董事總經理

Tel 電話: (852) 2343 2617 Fax 傳真: (852) 2341 0370

Email 電郵: simon@keensound.com, sylvia@keensound.com

Website 網址: www.keensound.com Date of Establishment 成立日期: 1987 Total no. of employee 員工數目:700

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場:

Europe / USA

Products/Services 產品/服務:

Precision Metal & Plastics Parts, Thermostats for Home Appliances

Kinox Enterprise Limited 建樂士企業有限公司



### Hong Kong Address 香港地址:

20/F, Kinox Centre, 9 Hung To Road, Kwun Tong, Kln., Hong Kong 九龍觀塘鴻圖道9號建業中心20樓

Name of Representative 代表人姓名

MR SUN Kai Lit Cliff, BBS, JP

孫啟烈先生, BBS, JP

Position 職位

**Executive Director** 

董事長

Tel 電話: (852) 2389 6261 Fax 傳真: (852) 2343 2111 Email 電郵: enquiry@kinox.com Website 網址: www.kinox.com Date of Establishment 成立日期: 1949 Total no. of employee 員工數目: 25

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing - Cookwares

Major Market 主要市場 Europe / USA / South Africa Products/Services 產品/服務:

Stainless steel cookwares, Electronic appliances, Thermal jugs, etc.

Kinox, Connoisserve



Lee Kee Group Ltd. 利記集團有限公司

**SINCE 1947** 

### Hong Kong Address 香港地址:

Rm 1302-05, 13/F., Manulife Provident Funds Place, 345 Nathan Road, Yau Ma Tei, Kowloon, KLN

香港九龍油麻地彌敦道345號宏利公積金大廈13樓1302-05室

Name of Representative 代表人姓名:

MR Patrick CHAN

陳稼晉先生

Position 職位

Assistant to Chairman

主席助理

Tel 電話: (852) 3965 0888 Fax 傳真: (852) 8147 2697

Email 電郵: patrick.chan@leekeegroup.com Website 網址: www.leekeegroup.com Date of Establishment 成立日期: 1947 Total no. of employee 員工數目: 80-100

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Products/Services 產品/服務: Non Ferrous Metals, Die-casting



Lomak Industrial Company Ltd. 樂域實業有限公司



### Hong Kong Address 香港地址:

14/F, Phase 1, Leader Industrial Center, 188-202 Texaco Road, Tsuen Wan, Kln., Hong Kong

香港荃灣德士古道188-202號立泰工業中心一期14樓

Name of Representative 代表人姓名:

DR LO Chi Wai James

勞致偉博士 Position 職位:

Director of Engineering 工程部總監

Tel 電話: (852) 2756 8680 Fax 傳真: (852) 2750 6670

Email 電郵: lomak@lomak.com, jameslo@lomak.com

Website 網址:www.lomak.com Date of Establishment 成立日期:1976 Total no. of employee 員工數目:1500

Type of membership 會員類別:Corporate Member

Nature of Business 業務性質:

Manufacturing - Electrical & Electronic Products

Major Market 主要市場:

USA / Europe / Japan / Canada

Products/Services 產品/服務:

LED lighting products, Bathroom shower head, Automotive lighting, Thermal electric cooler, Calibrated torque wrench



Lucky Star (Holdings) Co., Ltd. 祥星控股有限公司

#### Hong Kong Address 香港地址:

11/F., 88 Kwai Cheong Road, Kwai Chung, N.T., Hong Kong 香港新界葵涌葵昌路88號11孛樓

Name of Representative 代表人姓名:

MR KO Po Kin 高寶堅先生 Position 職位:

Managing Director

董事總經理 Tel 電話: (852) 2461 7020

Fax 傳真:(852) 2456 3448 Email 電郵:pkko@luckystar.com.hk Website 網址:www.luckystar.com.hk

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing



Morning Sun (HK) Ltd. 初出日(香港)有限公司



### Hong Kong Address 香港地址:

Rm 801, Block B, New Trade Plaza, 6 On Ping Street, Shatin, N.T., Hong Kong

香港新界沙田安平街6號新貿中心B座801室

Name of Representative 代表人姓名:

MR CHOW Yat Wah

鄒益華先生 Position 職位:

Managing Director

董事總經理

Tel 電話: (852) 2686 1493 Fax 傳真: (852) 2646 0325

Email 電郵:sun@morningsun.com.hk Website 網址:www.morningsun.com.hk Date of Establishment 成立日期:1999 Total no. of employee 員工數目:150

Type of membership 會員類別:Corporate Member Nature of Business 業務性質:Manufacturing

Major Market 主要市場: China Products/Services 產品/服務:

Aluminium, Magnesium & Zinc Alloy die casting parts; Automotive aircon system, Automotive electric components

New Zhong Yang Technology (Shenzhen) Co. Ltd.

新中洋科技 (深圳) 有限公司



### PRC Address 國內地址:

No. 8, Sha yi Inc., Wanan Road, Shajing Town, Shenzhen, China 中國深圳市沙井鎮

Name of Representative 代表人姓名:

MR ZHAN LuShi 詹呂拾先生 Position 職位:

General Manager

總經理

Tel 電話: (86) 755-88250691 Fax 傳真: (86) 755-88250031

Email 電郵:ellen123yuan@hotmail.com Total no. of employee 員工數目:150

Type of membership 會員類別:Corporate Member Nature of Business 業務性質:Manufacturing

Major Market 主要市場:

Japan / USA

Products/Services 產品/服務: 硅膠產品,保健品,日用品



Nordisk Asia Pacific Ltd.

Hong Kong Address 香港地址:

Suite 1401, 14/F., China Resources Bldg., 26 Harbour Road, Wanchai, HK 香港灣仔港灣道26號華潤大廈14樓1401室

PRC Address 國內地址

中國江蘇省昆山市經濟技術研發區小溪河路189號 郵編:215301 Name of Representative 代表人姓名:

MR Roger WONG

黃國榮先生 Position 職位: Director 董事

Tel 電話: (852) 2587 9248 Fax 傳真: (852) 2511 5394

Email 電郵:roger.wong@nordisk-aviation.com Website 網址:www.nordisk-aviation.com Date of Establishment 成立日期:1995 Total no. of employee 員工數目:7

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: Marketing & business development

Products/Services 產品/服務:Air cargo equipment Major Market 主要市場:Asia Pacific and China Brand 品牌:Nordisk Aviation Products





Hong Kong Address 香港地址:

Flat H, 10/F., Century Industrial Bldg., 1 Tsing Yeung Circuit, Tuen Mun, Hong Kong

香港新界屯門青楊街1號世紀城市工業大廈10樓H室

PRC Address 國內地址:

中國廣東省增城市新塘鎮南埔鄉夏埔村夏埔經濟開發區

Name of Representative 代表人姓名:

MR IP Pok Sum 葉博森先生 Position 職位: Director 董事

Tel 電話: (852) 2356 1800 Fax 傳真: (852) 2356 1022

Email 電郵: ntkltd@ntkltd.com.hk, simonip@ntkltd.com.hk

Website 網址: www.ntkltd.com Date of Establishment 成立日期: 1988 Total no. of employee 員工數目: 800

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing & Trading

Major Market 主要市場: Asia / North America Products/Services 產品/服務:

Electronic Components Manufacturer

Brand 品牌: NTK



Pan Asia Pacific Aviation Services Ltd.

泛亞太平洋航空服務有限公司



Hong Kong Address 香港地址:

4Y522 Terminal 1, Hong Kong International Airport, Lantau, Hong Kong

PRC Address 國內地址:(if has)
Name of Representative 代表人姓名:

MR Geoffrey John SHIM

沈澤輝先生 Position 職位: General Manager

總經理

Tel 電話:(852) 2180 2801 Fax 傳真:(852) 2180 2887

Email 電郵:gshim@papas.com.hk Date of Establishment 成立日期:1994 Total no. of employee 員工數目:100

Type of membership 會員類別: Corporate Member
Nature of Business 業務性質: Service and Maintenance

Major Market 主要市場:**Asia** Products/Services 產品/服務:

Maintenance and cabin cleaning services



Providence Enterprise Limited 香港匯進企業有限公司



Hong Kong Address 香港地址:

Unit 13-15, 6/F., Grand City Plaza, No.1 Sai Lau Kok Road, Tsuen Wan, N.T., Hong Kong

香港荃灣西樓角路1號新領域廣場6樓13-15室

Name of Representative 代表人姓名

MR LEE Yiu Lam Albert

李耀林先生 Position 職位 C.E.O.

行政總裁

Tel 電話: (852) 2415 2293 Fax 傳真: (852) 2415 2286

Email 電郵: albert@providence.com.hk, kcm@providence.com.hk

Website 網址:http://www.providence.com.hk Date of Establishment 成立日期:1992 Total no. of employee 員工數目:2800

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場:

Europe / USA Products/Services 產品/服務:

OEM / Precision Mold & Die with Injection & Compression Molding / Beverage Pump / Mini Air Pump / Synchronous Motor / Plastic Automotive Parts / Medical & Healthcare Device



### **List of Corporate Members**



Sheng Hui (Hong Kong) **Technology Limited** 香港昇暉科技有限公司



Hong Kong Address 香港地址:

3/F., Cheong Kee Building, 84-86 Des Voeux Road, Central, Hong Kong

香港中環德輔道中84-86號章記大廈3樓 Name of Representative 代表人姓名:

MR LIU Wai Keung

廖偉強先生 Position 職位: Director

莆車

Tel 電話: (852) 2851 3889 Fax 傳真: (852) 2815 9856

Email 電郵: wkliu@shenghuichemical.com Website 網址: www.shenghuichemical.com Date of Establishment 成立日期: 2002

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場

Southeast Asia / North America / Europe

Products/Services 產品/服務: Water based coating







Hong Kong Address 香港地址:

Rm 2105-6, Cheung Tat Centre, 18 Cheung Lee Street, Chaiwan, Hong Kong

香港柴灣祥利街18號祥達中心21樓5-6室 Name of Representative 代表人姓名

DR TSUI Ping Kwong

徐炳光博士 Position 職位: President 總裁

Tel 電話: (852) 2896 0391 Fax 傳真: (852) 2897 0357

info@shing-hing.com.hk, harvay.tsui@shing-hing.com.hk,

angus.tong@shing-hing.com.hk Website 網址: www.shing-hing.com.hk Date of Establishment 成立日期: 1977 Total no. of employee 員工數目:550

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場 Products/Services 產品/服務: Screws & Fasteners



SKI Industrial Co Ltd 聖光實業有限公司



Hong Kong Address 香港地址:

Block A, 2/F., Wang Cheung Industrial Bldg., 6 Tsing Yeung Street, Tuen Mun, N.T., Hong Kong

香港新界屯門青揚街6號宏昌工業大廈2樓A室

Name of Representative 代表人姓名:

MR WONG Fuk Cheung Billy

王福祥先生 Position 職位 **Managing Director** 

董事總經理

Tel 電話: (852) 2462 3680 Fax 傳真: (852) 2456 3357

Email 電郵: sm-kong@skihk.com, ski@skihk.com, ski-sales@skihk.com

Website 網址: www.skihk.com Date of Establishment 成立日期: Total no. of employee 員工數目:35

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場: Germany / USA

Products/Services 產品/服務:

Scale Model / Toys Manufacturing



新進科技集團有限公司 SURFACE MOUNT TECHNOLOGY (HOLDINGS) LIMITED



Hong Kong Address 香港地址:

12/F., Wyler centre, Phase 2, 200 Tai Lin Pai Rd., Kwai Chung, N.T. 香港新界葵涌大連排道200號偉倫中心二期十二樓

Name of Representative 代表人姓名

Ir Dr LO Wai Kwok MH JP 盧偉國博士 工程師 MH 太平紳士

Position 職位 **Managing Director** 董事總經理

Tel 電話: (852) 2943 1978 / 2485 4080

Fax 傳真: (852) 3184 0318 Email 電郵: wklo@smthk.com Website 網址: www.smthk.com Date of Establishment 成立日期: 1986 Total no. of employee 員工數目: 14,000

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing - Electronics

Major Market 主要市場:

Japan / Korea / Europe / North America / China / South Asia Products/Services 產品/服務:

Electronic manufacturing services including automotive electronics, computer peripherals, industrial controls, office appliances, home appliances, telecommunications, and consumer electronics, etc.



### Techmart Industrial Limited 科匯工業機械有限公司

### Hong Kong Address 香港地址:

Unit B, 6/F., Howard Factory Building, 66 Tsun Yip Street, Kwun Tong, Kowloon, Hong Kong

香港九龍官塘駿業街 66 號巧運大廈 6 字樓 B 室

Name of Representative 代表人姓名:

MR David KWOK

郭光宇先生 Position 職位:

General Manager

總經理

Tel 電話: (852) 2341 1180 Fax 傳真: (852) 2713 2597

Email 電郵:davidkwok@techmart.com.hk Website 網址:www.techmart.com.hk Date of Establishment 成立日期:2001 Total no. of employee 員工數目:50

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: PVD Coatings & Machine Sales

Major Market 主要市場:

Hong Kong and Mainland China Products/Services 產品/服務:

PVD Coatings on cutting tools for aircraft industry

Brand 品牌

Platit, Fehlmann, Sphinx, Lista



Techworld Industrial Ltd. 科匯工業有限公司



#### Hong Kong Address 香港地址:

Unit 1705, 17/F., Nanyang Plaza, 57 Hung To Road, Kwun Tong, Kln.,

香港九龍觀塘鴻圖道57號南洋廣場17樓1705室

PRC Address 國內地址:

Fu Gang Ind. Est. Qinqxi Dong Guang, China 中國廣東省東莞市清溪鎮浮崗工業區 Name of Representative 代表人姓名:

MR HO Ka Nam Peter

何稼楠先生

Position 職位: Managing Director 董事總經理

Tel 電話:(852) 2950 7388
Fax 傳真:(852) 2950 0922
Email 電郵:tworld@tworld.com.hk
Website 網址:www.tworld.com.hk
Date of Establishment 成立日期:1994
Total no. of employee 員工數目:1500

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing Maior Market 主要市場: Europe / USA

Products/Services 產品/服務

Battery Charger (for AA/AAA, car, toys, powertools, etc.), PCBA, OEM/ODM

Brand 品牌:

Powerport & Techworld



### TLD Asia Ltd. 騰達航勤設備有限公司



### Hong Kong Address 香港地址:

Room 1412, Fo Tan Ind. Center, 26-28 Au Pui Wan St., Shatin, NT, Hong Kong

新界沙田坳背灣街26-28號富騰工業中心1412室

PRC Address 國內地址:

Name of Representative 代表人姓名:

MR FU Ming Sing 符名誠先生

Position 職位:

Managing Director, Asia Pacific 亞太區董事總經理 Tel 電話: (852) 2692 2181

Fax 傳真:(852) 2691 2604 Email 電郵:enquiries@tld-asia.com Website 網址:www.tldgse.com Date of Establishment 成立日期:1978 Total no. of employee 員工數目:19

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場: Worldwide

Products/Services 產品/服務

TLD is a leading industrial company specialized in Airport Ground Support Equipment. Through a very extensive worldwide sales and service network, TLD provides a wide range of equipment designed and manufactured in facilities around the world. Our customers are Airlines, Airports, Cargo Airlines, Ground Handlers, and Military organizations everywhere in the world.

Brand 品牌:TLD



Trellebory Sealing Solutions Hong Kong Limited

特瑞堡密封系統香港有限公司



Hong Kong Address 香港地址:

16/F, CAC Tower, 165 Hoi Bun Road, Kwun Tong 香港九龍觀塘海濱道165號中藝大廈16樓

Name of Representative 代表人姓名:

MR Oliver CHAN

陳榮德先生

Position 職位:

Managing Director

董事總經理

Tel 電話: (852) 2366 9165 Fax 傳真: (852) 2366 7471

Email 電郵: oliver.chan@trelleborg.com
Website 網址: www.tss.trelleborg.com
Date of Establishment 成立日期: 2000
Total no. of employee 員工數目: 14

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: Trading Major Market 主要市場: China Products/Services 產品/服務: Trading — Sealing



Topcast Aviation Supplies Co. Ltd. 英之冠航空器材供應有限公司

### Hong Kong Address 香港地址:

23/F, World Peace Centre, 55 Wo Tong Tsui Street, Kwai Chung, Hong Kong

香港葵涌禾塘咀街55號世和中心23樓 Name of Representative 代表人姓名: MR Thomas Hung 洪立茂先生

Position 職位:

Managing Director 董事總經理 Tel 電話: (852) 2305 4111 Fax 傳真: (852) 2305 4388

Email 電郵: thomas.hung@topcast.com Website 網址: www.topcast.com Date of Establishment 成立日期: 1991 Total no. of employee 員工數目: 50+

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質: Distribution and Representation

Major Market 主要市場: Asia Pacific region

Products/Services 產品/服務

Supply and servicing of aviation equipment and parts

Brand 品牌

PPG, Unison, Rockwell Collins, Meggitt Aircraft Braking Systems, Adams Rite Aerospace, Saft, Marathon Norco, Avionic Instruments, Gables Engineering, Crouzet, HR Smith, Bruce Industries, Sennheiser, Plantronics, Botany, Desso, Metzeler, 3M, Permacel, Tronair, Whelen, etc.



ULTRATECH MOLD Design & Mfg., Co., Ltd. 雅達模具設計製造有限公司



#### Hong Kong Address 香港地址:

Unit 408, 4/F, BLK. B, Hoi Luen Ind. Centre, 55 Hoi Yuen Road, Kwun Tong, Kln., Hong Kong

香港九龍官塘開源道55號開聯工業中心B座4樓408室

Name of Representative 代表人姓名:

MR TAN Che Keung Calvin

Position 職位: C.E.O. 行政總裁

陳志強先生

Tel 電話: (852) 2304 1361 Fax 傳真: (852) 2344 8405

Email 電郵: calvin@ultratech.com.hk, susan@ultratech.com.hk

Website 網址: www.ultratech.com.hk Date of Establishment 成立日期: 1985 Total no. of employee 員工數目: 1000

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場: Europe / USA / China

Products/Services 產品/服務:

Injection mold making, Injection molding, Assembly services



Vigor Precision Ltd. 力嘉精密有限公司



### Hong Kong Address 香港地址:

Flat 1, 8/F., Block A, Texaco Road Industrial Centre, 256-264 Texaco Road, Tsuen Wan, N.T., Hong Kong

香港荃灣德士古道256-264號德士古道工業中心A座8樓1號室

Name of Representative 代表人姓名:

MR CHAN Hon Hung 陳漢雄先生

Position 職位:

Managing Director

董事總經理

Tel 電話: (852) 2407 5498 Fax 傳真: (852) 2407 3148

Email 電郵: henry-chan@vigorgear.com, hkamd@netvigator.com

Website 網址: www.vigorprecision.com Date of Establishment 成立日期: 2000 Total no. of employee 員工數目: 2000

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Manufacturing

Major Market 主要市場:

Europe / USA

Products/Services 產品/服務:

Plastic gearbox & gear



Wincome Industrial Company 永勤實業公司



### Hong Kong Address 香港地址:

Flat C, 4/F., Wing Hong Industrial Bldg., 18-26 Kwai Fung Street, Kwai Chung, N.T., Hong Kong

香港新界葵豐街18-26號永康工業大廈4樓C室

Name of Representative 代表人姓名

MR CHAN Shu Kan

陳樹根先生 Position 職位

Owner

東主

Tel 電話: (852) 2419 1128 Fax 傳真: (852) 2419 1136

Email 電郵:wincom99@netvigator.com Date of Establishment 成立日期:1991 Total no. of employee 員工數目:270

Type of membership 會員類別:Corporate Member Nature of Business 業務性質:Manufacturing

Major Market 主要市場: China / Hong Kong / France Products/Services 產品/服務:

Crown & Metal parts



### **List of Corporate Members**

### 公司會員名錄



Wing Ming Engineering (HK) Ltd. 永明工程 (香港) 有限公司



### Hong Kong Address 香港地址:

Unit 6A, 20/F., Well Fung Ind. Ctr., 68 Ta Chuen Ping Street, Kwai Chung, N.T., Hong Kong

香港葵涌打磚砰街68號和豐工業大廈2006A室

Name of Representative 代表人姓名:

MR LEE Chak Ming

李澤明先生 Position 職位: Director 董事

Tel 電話:(852) 2481 8160 Fax 傳真:(852) 2481 6132

Email 電郵: wmechk@incnets.com Total no. of employee 員工數目: 15人

Type of membership 會員類別: Corporate Member Nature of Business 業務性質: Service and Maintenance

Major Market 主要市場:
CHINA & HONG KONG
Products/Services 產品/服務:
機場貨運站設備供應商及維修

航空地勤設備維修服務 (牌照號碼: CAAC. D3030)

冷氣電機工程



裕|YU HING

Yu Hing Manufacturing Company Limited 裕興製造有限公司



#### Hong Kong Address 香港地址:

7A-D Hong Kong Industrial Building, 444-452 Des Voeux Road West, Hong Kong 香港德輔道西444-452號香港工業大廈7樓A-D室 PRC Address 國內地址:

Building 37-39 Tong Fu Industrial Estate, Da Peng, Long Gang District, Shenzhen, Guangdong Province, 518120, China

中國廣東省深圳市龍崗區大鵬鎮同富工業區第37-39棟

Name of Representative 代表人姓名:

MR CHAN Wai Kit Benjamin 陳偉傑先生

Position 職位

Vice President - Corporate Development 企業發展部副總裁

Tel 電話:(852) 2818 9202 / (852) 2838 0300 Fax 傳真:(852) 2818 2738 / (852) 2838 0238 Email 電郵:benjamin.chan@yuhing.com.hk

Website 網址:www.yuhing.com.hk Date of Establishment 成立日期:1976 Total no. of employee 員工數目:600

Type of membership 會員類別: Corporate Member

Nature of Business 業務性質:

OEM / ODM Manufacturing - High Precision Watch Components and

Medical Devices

Major Market 主要市場: USA / Europe / Japan / SE Asia

Products/Services 產品/服務:

Product design and engineering, Tool making; Plastic, silicon and magnesium injection molding, other secondary operations, assembly and packaging, fine metal works production and Class 100K clean room manufacturing with ISO 9001 and ISO 13485 certified



### **List of Individual Members**

### 個 人 會 員 名 錄

Name 姓名: MR Raymond W M CHAN 陳偉文先生

Company Name 公司名稱:

Jing Mei Industrial Limited 精美工業有限公司 Position 職位: President & CEO 總裁及CEO

Tel 電話: (852) 2492 8211 Fax 傳真: (852) 2413 6205 Email 電郵: jmi@jmi.com.hk

Address 地址:

2/F., Blk D, Waylee Ind Ctr., 38 Tsuen King Circuit, Tsuen Wan, N.T.

荃灣荃景圍38號匯利工業中心D座2樓

Name 姓名: DR FUNG Ka Shuen 馮家璇博士

Company Name 公司名稱:

The Hong Kong Institute of Vocational Education (Tsing Yi)

香港專業教育學院青衣分校 Position 職位: Lecturer 講師 Tel 電話: (852) 2436 8775 Fax 傳真: (852) 2436 8643 Email 電郵: ksfung@vtc.edu.hk

Address 地址:

Department of Engineering, IVE (TY), 20 Tsing Yi Road, Tsing Yi,

N.T., Hong Kong

香港新界青衣島青衣路20號香港專業教育學院(青衣分校)工程系

Name 姓名: MR LEUNG Wai Hung Andy 梁偉雄先生

Company Name 公司名稱:
Donghai Airline 東海航空公司
Position 職位:First Officer 副機長
Email 電郵:ka\_captain@hotmail.com

Name 姓名: Ir MAK Chiu Ki 麥昭基工程師

Company Name 公司名稱

The Hong Kong Institute of Vocational Education (Tsing Yi)

香港專業敎育學院青衣分校

Position 職位: Senior Lecturer 高級講師 Tel 電話: (852) 2436 8764 / 9456 7313

Fax 傳真: (852) 2436 8643 Email 電郵: ckmak@vtc.edu.hk

Address 地址:

Department of Engineering, IVE (TY), 20 Tsing Yi Road, Tsing Yi,

N.T., Hong Kong

香港新界青衣島青衣路20號香港專業教育學院(青衣分校)工程系

Name 姓名: MR TSE Kin Hung Coleman 謝健豪先生

Company Name 公司名稱:

Hong Kong Quality Assurance Agency 香港品質保證局

Position 職位: General Manager 總經理

Tel 電話: (852) 2202 9318 Fax 傳真: (852) 2202 9222

Email 電郵: coleman.tse@hkqaa.org

Address 地址:

19/F., K.Wah Center, 191 Java Road, North Point, Hong Kong

香港北角渣華道191號嘉華國際中心19樓

Name 姓名: MR WONG Chun 黃震先生

Company Name 公司名稱

Glory Mark Hi-Tech (Holdings) Ltd 輝煌科技(控股)有限公司

Position 職位:C.E.O. 行政總裁 Tel 電話:(852) 2763 5048 Fax 傳真:(852) 2793 0170

Email 電郵: wong@glorymark.com.hk

Address 地址

Unit 907, Westlands Centre, 20 Westlands Road, Quarry Bay, Hong

Kong

鰂魚涌華蘭路20號華蘭中心907室

Name 姓名: MR WONG Kwong Chi Simon 王幹芝先生

Company Name 公司名稱:

Argo Global Capital, LLC 雅高金融有限公司 Position 職位: General Partner 合伙人

Tel 電話: (852) 2237 7229 Fax 傳真: (852) 2237 7227

Email 電郵: simon.wong.kc@gmail.com

Address 地址:

33/F Citicorp Centre, 18 Whitfield Road, Causeway Bay, Hong Kong

香港銅鑼灣威非路道18號萬國寶通銀行中心33樓

Name 姓名: MR WONG Yu Sing Andy 黃宇昇先生

Company Name 公司名稱:

Sun Hing (HK) Ltd. 申鑫(香港)有限公司 Position 職位: Managing Director 董事總經理

Tel 電話: (852) 2344 5685 Fax 傳真: (852) 2951 0086

Email 電郵: sunhinghongkong@yahoo.com.hk

Address 地址:

Flat U, 11/F., Blk 3, Camelpaint Bldg, 60 Hoi Yuen Road, Kwun Tong,

Kln., Hong Kong

香港官塘開源道60號駱駝漆大廈第3座11字樓U室

## **THERMOSTATS**

## for Home Appliances



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**International Safety approval** 

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## alBEAM

### Aluminum Flashlight



33178108A / 33183008A 3AA Octo / 6AA Octo I Watt LED



33178008A 3AA Checker I Watt LED



33178308A 3AA Taper 1 Watt LED



33178508A / 33179808A 3AA Rail / 6AA Rail 1 Watt LED

## LightBEAM

### Lighting Product



33030508A 4AA Armor I W LED Mini Lantern



33023518B 4AA Samurai 1 W LED Mini Lantern



330308108A 4AA Tower I W LED Mini Lantern



33030058E 4D Tower Lantern 28 Super Bright LEDs









### 2008 Trade Show

Hong Kong

Hong kong Electronic Fair 13-16 Oct, 2008 Booth# 2G08

Hong Kong International Lighting Fair 28-31 Oct, 2008 Overseas

National Hardware Show, Las Vegas 6-8 May, 2008 Booth# 35541

Japan DIY Homecenter Show 28-30 Aug,2008



14/F, Phase 1, Leader Industrial Centre, 188-202 Texaco Road, Tsuen Wan, Hong Kong Tel: (852) 2756 8680 Fax: (852) 2750 6670 Email: lomak@lomak.com http://www.lomak.com



## Study Mission on Aviation Devices and Components Industry in Germany and Britain (18-23.7.2006)

The mission was organised by Hong Kong Productivity Council and led by Dr. T.L. NG, Honorary Chairman of HKAIA. The twenty-two-industrialist mission group had visited the Farnborough International Airshow 2006 and factories engaged in non-critical aviation devices and components manufactuiring in Germany and Britain. Farnborough

International Airshow 2006 was set to be the biggest, most internationally attended event in the world on aviation products, equipment and technology. And participants had acquired latest market information and explored latest technologies and quality system of aviation devices and components industry through visits to factories.





## Study Mission on Aviation Devices, Components and Maintenance Industry in Singapore (1-3.10.2006)

Aviation industry is well-developed in Singapore. In 2006, the HKPC and the HKAIA organized a study mission to Singapore. In the mission, participants for seventeen local industrialists had acquired latest market information and technologies as well as procurement and quality system adopted by Singapore aviation devices and components

industry. They also obtained insights from the Singapore aviation manufacturing industry development and established communications and created further business / technology cooperation opportunities with Singapore companies engaged in aviation devices and components as well as aviation maintenance sector.









### **HKAIA 1st Annual General Meeting (22.11.2006)**

With the support of Hong Kong Productivity Council, the HKAIA was formally incorporated on 29 August, 2006. The 1st Annual General Meeting was held on 22 November, 2006. HKAIA 1st Executive Committee was established. 20 Executive Committee Members had been elected and the positions were confirmed as follows:

### Honorary Chairman :

Mr. Cliff SUN, BBS, JP Dr. NG Tat Lun, BBS, JP

Founding Advisor :

Mr. LM LI

Honorary Advisor :

Dr. WK LO, MH, JP, Mr. David LUI

Executive Committee Members :

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Mr. Jackson HO, MH

Vice-President (Investment and Trading):

Mr. Simon WONG

Vice-President (Manufacturing) :

Mr. Daniel YIP

Vice-President (Professional and Quality System):

Mr. Calvin TAN

Vice-President (Service and Maintenance) :

Dr. Angus CHEUNG

Honorary Secretary :

Mr. Billy WONG

Honorary Treasurer :

Mr. Simon LEUNG

Other Ex-Committee Members :

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Mr. David CHAN

Mr. Henry CHAN

Dr. John CHAI

Miss Angel CHEUNG

Mr. CHOW Yat Wah

Mr. Peter HO

Mr. IP Pok Sum

Mr. Albert LEE

Mr. KK LEE

Mr LIU Wai Keung

Dr. James LO

Dr. TSUI Ping Kwong















### Training Course on AS9100 Quality Management System and FAA Part Approval **Process for Aviation Industry to USA (17-22.04.2007)**

This overseas course organized by Hong Kong Productivity Council aimed to enhance understanding of manufacturers on AS9100 quality management system and FAA part approval process to support them to enter the aviation industry and being a qualified OEM civil aviation devices, parts and components supplier. This course was supported by Hong Kong Aviation Industry Association and Hong Kong Auto Parts Industry Association.

Eight local industrialists had joined the training courses. The training was conducted by Ms. Joyce Washington, President and CEO of The Washington Group, Ltd., USA and experienced consultants and partners of The Washington Group.

The contents of the training courses were as belows:

- Overview on Quality and Procurement System of the Civil Aviation Industry
- AS9100 Quality Management System for Civil Aviation Devices, Parts and Components Manufacturer
- Management Responsibility
- Resource Management
- Case Studies on AS9100 Implementation for Different Devices, Parts and Components Manufacturers
- **Product Realization**
- Measurement, Analysis and Improvement
- Practical Appreciation on Implementation of AS9100 Quality Management System by Visit to Civil Aviation **Devices and Parts Manufacturers**





Devices, Parts and Components Manufacturers; Federal Aviation Administration (FAA) Part Approval **Process** 

Case Studies on AS9100 Implementation for Different

- Case Studies on FAA Part Approval Process Implementation for Different Devices, Parts and Components Manufacturers;
- Future trend in development of quality system and part approval process
- Practical Appreciation on Implementation of FAA Part Approval Process by Visit to Civil Aviation Devices and Parts Manufacture
- Practical Appreciation on Procurement, Quality and Part Approval System to Visit to Boeing



47-22 April 2007





## Tianjin Free Trade Zone, Airport Industrial Park, Airport Logistic Area Investment Introduction Session (16.05.2007)

On 16 May 2007, we were honored to have a tianjin port mission visiting Hong Kong Productivity Council to introduce the investment opportunities in the Binhai New Area (BNA) of Tianjin, including the Tianjin Free Trade Zone, Airport Industrial Park, Airport Logistic Area.

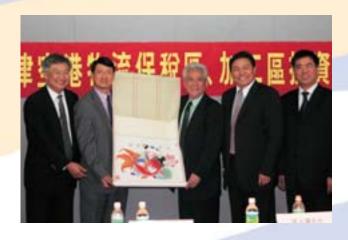
The mission group consisted of high profile officers leading by Mr Shen YuanKang, Professor and Senior Consultant of Administration Committee of Binhai New Area Tianjin Municipal Government and Mr William Wei, Vice President of Tianjin Municipal Government, Port Fee Trade Zone and Airport Industrial Park Administrative Committee. Over 20 HKAIA members had joined the event. In the meeting, Mr Shen and Mr Wei talked about the great potential of China's aviation market and detailed the overview and layout of the Tianjin airport and the surrounding zones which were the Tianjin Free Trade Zone, Airport Industrial Park and Airport Logistic Area. They also presented the strategic responsibilities and future development of Tianjin Free Trade Zone, Airport Industrial Park and Airport Logistic Area, their advantages, profound potentialities and investment opportunities.

















## Debriefing Session and Dinner – HK Aviation Industry to USA (28.05.2007)

The mission group of "Training Course on AS9100 Quality Management System and FAA Part Approval Process for Aviation Industry to USA" organized by Hong Kong Productivity Council had returned on 23 April and brought the latest aviation industry information, findings and training materials. A debriefing session organized by the Manufacturing Branch of HKAIA had be held on 28 May (Mon) for the HKAIA members who joined the mission to share their learning with those could not join.

18 people enrolled the event. After a warm welcome and opening speech delivered by the President, Mr Jackson Ho. The sharing session started. Mr Raymond Shan, Senior Consultant of Manufacturing Technology Division, Hong Kong Productivity Council gave a presentation to the participants regarding the training and the study mission.

Lastly Mr Jackson HO also shared his views and findings. The debriefing session was followed by a dinner at City Club, Yau Yat Chuen Garden.



## HKCAD Sharing Session - Hong Kong Aviation Overview and the formation of HKAR21 (Aviation Parts Manufacturing) (27.07.2007)

HKAIA has invited Mr. Y.P. Tsang, Chief, Airworthiness Standards and Mr. Eric Cheung, Senior Airworthiness Officer to give a presentation on 'Hong Kong Aviation Overview and the formation of HKAR21' (Aviation Parts Manufacturing). Twenty members had enrolled the event.

## Asian Aerospace 2007 International Expo and Congress - HKAIA Presentation Session (05.09.2007)

The Asian Aerospace 2007 International Expo and Congress had been held on 3-6 Sept 2007. The president of HKAIA, Mr Jackson HO, had a very successful presentation session in the open forum of the expo on 5 Sept 2007 (WED) to foster the image HKAIA and analyse the Hong Kong aviation industry. His presentation "A New Challenge or An Impossible Dream" had attracted about seventy participants to the forum.







## Business and Technology Study Mission on Precision Engineering and Aviation Parts Industry in Tinjin & Harbin (18-22.09.2007)

Hong Kong Productivity Council had jointly organized the captioned study mission with HKAIA. Twenty-three members had joined the mission. The mission group had visited Binhai New Area (BNA) of Tianjin; precision engineering and aviation parts manufacturing companies, Civil Aviation University of China, Airbus assembly plant, as well as meeting with Tianjin and Haribin Government officials.

The mission group had a valuable chance to explore the precision engineering and aviation parts manufacturing technology in Tinjin and Harbin and were also able to get insight and latest market information as well as to establish communications and create further business and technology cooperation opportunities with the Mainland aviation industry.

















### **HKAIA 2nd Annual General Meeting (04.01.2008)**

The 2nd Annual General Meeting was held on 4 January, 2008. Three New Executive Committee Members had been elected and they were Mr. Julian HUNG, Mr. Alfred AU and Mr. Geoffrey SHIM.









## COMMITTED TO EXCELLENCE



By applying state-of-the-art systems and ongoing technology investment in various production sections, we keep differentiate our capability and know-how to provide the best service beyond expectations.





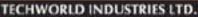












CHINA PLANT Fu Gang Ind. Est. Qingxi, Dongguan. Cr T +86 769 8733 2222 on, China. 2222 F+8676987735648













### Mold Making and Custom Molding for Precision Engineering Components and Disposable Cutlery

### 精密工程零件及一次性餐具

塑膠模具制造及注塑生產



Ultratech established in 1985, has 3 factories in Shenzhen and Dongguan, over 1300 employees.

Ultratech is specialized in mold making and molding for precision parts, two shot, unscrewing, thin wall, insert parts. We have rich experience in precision engineering components and disposable cuttery products.

推達成立於 1985年,在深圳及東莞設有 3 家工廠,員工 1300 多人。

雅達專案於精密零件,雙色產品,退螺紋,薄壁及封裝零件之 模具制造與注塑成型。

對於積密工程零件及一次性餐具方面經驗豐富。

















## Aircraft Parts Made by Hong Kong – Mission Impossible or New Opportunities?

By: Ir K K Lee
Principal Consultant
Manufacturing Technology Division
Hong Kong Productivity Council

### Global Aviation Industry Trend

Globalization is a phenomenon of the 21<sup>st</sup> century such that people of the world are unified into a single society through the integration of national economics into international economics through trade, foreign direct investment, capital flows, migration and spread of technology. The increased economic prosperity as well as opportunity leads to a more efficient allocation of resources. As a result, worldwide production markets emerge and there is a broader access to a range of foreign products for consumers and companies. There is also greater international travel and tourism. The world economic is then experiencing an unprecedented growth.

After the Asian Economic Storm and the worldwide SARS in 2003, the current global economic growth is much higher than ever expected. This leads to an increase demand for both passenger and air cargo services. The world traffic at the end of 2005 was 4.1 trillion RPKs and it is expected that it will increase to 10.5 trillion at the end of 2025<sup>1</sup>. It is expected that the overall profit of the global aviation industry will reach USD 7.2 Billion in 2007<sup>2</sup>.

The rate of growth is more significant in the Asia-Pacific region. At the end of 2005, the North America led the world traffic while Europe and Asia followed closely behind. And it is expected that Asia will overtake both the North America and Europe and stand in a leading position by 2025<sup>1</sup>. The expected growth is much more predominant in Mainland China where the overall improvement in national economy and people\*s living standard has created a great demand both in national and international air travels. According to the forecast by the International Air Transport Association (IATA)<sup>3</sup>, the average annual growth rate in air cargo and passenger services in Mainland China from 2005 to 2009 will be the first and second in the world, 14.4% and 9.6% respectively, which are much greater than the world averages, i.e. 8.3% and 5.6%. As reported by the Vice Minister of the General Administration of Civil Aviation of China (CAAC), Mr. Gao Hongfeng, in HKIA 2025 Summit, the number of aircrafts in the Mainland will be increased from 863 in 2005 to an estimate of 4000 in 2020 and the number of airports will be increased by 55% to 220 in 2020.

### Civil Aviation Market in Mainland China

The rapidly expanding aviation industry in Mainland China signifies the extremely large demand for civil aviation products, devices and components. In most countries, civil aircrafts have to be certified by the Civil Aviation Authority (CAA) to be allowed to fly. Aircrafts are certified against standards set out in the code for each CAA. Regulations on maintenance, repair and operation provide further direction to the owners of the aircrafts so that the aircraft continues to meet design standards. Civil aircrafts need to be very reliable. Any accident in air will be a headline of news everywhere. Therefore, the design, manufacture, maintenance, and the respective quality assurance and approval systems of aircrafts, components and parts are much more stringent and conservative in comparing with the automotive industry. For example, the Boeing 747 model has been operating for more than 30 years with only continuous improvements. Its quality control systems in manufacture, maintenance and operation are very stringent and require extensive and comprehensive training to be provided to the operators involved.

Through years of business consolidation and acquisition, there are only two major large passenger plane manufacturers, namely Boeing and Airbus. The remaining small numbers of other commercial aircraft manufacturers, representing less than 10% of the production value, produce mainly small inland planes.

Nowadays, Boeing and Airbus can only produce in total around 6-8 planes per day, i.e. 2000+ per year. A large passenger plane costs around USD80 Million in average and the total world production value is around USD1,600 Billion which is comparable to







the total annual world production value of the automotive industry. However, it is clear that such production rate cannot meet the increasing demand.

The Government of Mainland China has foreseen this phenomenon and therefore indicates that passenger planes development is one of the major national development projects<sup>4</sup> at the Eleventh 5-year Plan. The establishment of an A320 aircraft assembly plant in Tianjin and the successful development of ARJ jet in Shanghai mark an important step for the Mainland in manufacturing large passenger planes. The national policy of self-made products will also provide incentives both in lower land price and taxation, and government technology funding, etc. However, because of the stringent quality requirements in the aviation industry, there are only around 20 Chinese aircraft parts manufacturers certified for the civil export international standards compared to the 20,000 to 30,000 certified automotive parts manufacturers in Mainland China. Therefore, Hong Kong, being part of Mainland China, may benefit from or even participate in some of the aircraft parts development.

### Status of the Hong Kong Aviation Industry

Hong Kong is one of the busiest air traffic cities in the world. The Hong Kong International Airport (HKIA) has ranked "World No. 1 International Cargo Airport" since 1996 and awarded "Airport of the Year 2005" by SkyTrax for the fifth consecutive year. There are altogether nine registered airlines in Hong Kong including the well-known ones, Cathay Pacific Airways and Hong Kong Dragon Airlines Ltd. with up to 200 registered aircrafts by the year 2007. There are eleven organizations involving aircraft and aircraft component maintenance in Hong Kong including the largest one – Hong Kong Aircraft Engineering Company (HAECO) which provides a full range of aircraft line and base maintenance, aircraft component maintenance, engine maintenance, and aircraft wheel maintenance by over 5,000 engineers and mechanics<sup>5</sup>. Due to the high quality, reliability, comparative low cost services and the international recognition of HAECO, it is now serving not only Cathay Pacific Airways and Hong Kong Dragon Airlines Ltd, but also many other overseas airlines such as JAL, ANA and even some US airlines. HAECO maintains a solid maintenance operation in Hong Kong holding the core technologies and also being as the training ground of its staff. It also extends its maintenance operation in Xiamen to enhance its cost competitiveness. The overall economic output of Hong Kong's aviation industry is over 2.7% of GDP<sup>5</sup>. Only HAECO alone spends over HKD600 Million on parts and components for its maintenance operation every year.

However, despite having one of the best airlines in the world and the proximity to the world's largest passenger aircraft market – the Mainland, Hong Kong does not have a substantial aircraft components and parts manufacturing industry. None of the Hong Kong manufacturers is an approved OEM sub-contractor or licensed builder of Boeing or Airbus. Although Hong Kong has a very strong aircraft and component maintenance industry with world-class quality standards, none of the aircraft component is produced by Hong Kong manufacturers, not to say those critical components but those non-critical in-cabin parts.

#### **Opportunities for Hong Kong**

Therefore, it is a golden opportunity for Hong Kong manufacturers to tap into this industry when there is a rapid growth of the local, Mainland China and even the tremendous worldwide aircraft parts and components OEM and aftermarket. The aircraft parts manufacturing industry is now an emerging and developing that there is still a lot to be explored. By entering into the industry at an earlier stage, the local manufacturers can enjoy the greatest potential benefits and outcomes. Moreover, facing the intense competition in low-cost manufacturing from neighbouring developing countries, exploring into a new business area help them to survive in the global market. Establishing and developing a Hong Kong based aircraft parts and components manufacturing industry will not only serve and support the development of the Mainland\*s aviation industry, it will also enhance the capability and sustain the long term development of local manufacturers in the worldwide manufacturing industry.

### Strengths of Hong Kong

Based on its outstanding and special characteristics, Hong Kong is in favour of establishing its own aircraft parts and components industry. The Civil Aviation Department of the HKSAR (HKCAD) is responsible for certifying the airworthiness of not only the service people but also the aircrafts and their parts. Due to the unique international status of Hong Kong, there is a possibility that mutual recognition agreement can be established between HKCAD and the US Federation of Aviation Administration (FAA) such that the Hong Kong made aircraft parts can be certified for airworthiness from CAD directly and then be allowed to export to various countries without the need of seeking certification from FAA. As part of Mainland China, Hong Kong has a good relationship with the General







Administration of Civil Aviation of China (CAAC) and can be benefited from many different Mainland policies, such as the Closer Economic Partnership Arrangement (CEPA). Under CEPA, Hong Kong manufacturers can take the advantage of zero import tax to the Mainland such that it is possible for them to produce the high value-added aircraft parts, which is small production volume, in Hong Kong.

Moreover, Hong Kong has a strong human resource with competent people having international exposure and language advantages. Local manufacturers are also equipped with high technology level and experiences in advanced quality management systems, proficient safety management and environmental management systems. They are flexible and have stable manufacturing business to cover the overhead and can invest and diversify into the aircraft parts manufacturing according to their own core-competence while maintaining their present business operation. They have possessed solid experience and technologies in making high quality and precision metal, plastic and electronics parts and products. Their techniques and know-how can be extended to produce non-critical aircraft parts. To name a few examples, the mould and die makers with precision CNC machining capability can diversify into Aluminium aircraft parts machining; the plastic manufacturers can diversify into making in-cabin plastic parts such as cabin wall panels, overhead compartments, interior trims, etc.; the metal manufacturers can go into the production of screw and fasteners, metal seat frames and structural parts; the electrical appliances manufacturers can produce cabin pantry module, cabin lighting, etc; the electronic manufacturers can supply LCD display and passenger electronic control systems, etc.

What\*s also important is that Hong Kong manufacturers understand the culture and hidden cost in operation and have solid experience in running cost-effective manufacturing operations and trading business both in Mainland China and Hong Kong. All these form a strong foundation for the development of aircraft parts manufacturing in Hong Kong.

#### Risks and Challenges Ahead

Nonetheless, as everything stands for the development of a local aviation parts manufacturing industry, why is there still hesitation for local manufacturers?

At present, the aircraft parts manufacturing industry is still a very conservative and almost completely closed market where only a small coterie of manufacturers are allowed to participate in this industry. Due to the lack of business connections with stakeholders in the aviation industry, it is very difficult for HK manufacturers to gain access to this market. They are also not familiar with the aviation industry and the aviation manufacturing regulations and requirements. They may have to put in extensive resources and expertise in exploring potential business opportunities, building up connection and cooperation with existing industry players and developing in-house human resources with sufficient knowledge and expertise in order to make inroad into this industry.

The key challenge in aircraft parts manufacturing is not investment or technology but the stringent manufacturing quality assurance systems such as AS9100, and the airworthiness certification by the respective government aviation regulatory agent. It is very difficult for individual manufacturers to have the resources and expertise in meeting all the mandatory regulations and requirements by themselves. It should also be noted that an extremely long assessment process for approval is always required as continuous assessment for stringent quality assurance is vital for ensuring air safety.

To be realistic, the road ahead is hard and tough. Much effort has to be paid in advance but the return will not be secured or seen very soon. It is not practical to expect a financial return in five years or ten, or to puff up that the development of a local aviation parts manufacturing industry would lead to a revolution to Hong Kong's economy. However, facing the intense competition in low-cost manufacturing from neighbouring developing countries, Hong Kong manufacturers have to step further and to explore into new business opportunities in order to survive in the market.

Hong Kong manufacturers are likely to have a window of opportunity of around 5 years. After that, they would not have the present advantages over the Chinese manufacturers. The reason is that the civil aviation regulatory official in Mainland China is working very hard to establish mutual recognition agreement between Hong Kong and the Mainland such that Chinese manufacturers can be in line with the international standards.

### Strategies for Future Development

As Hong Kong manufacturers do not have any track records and expertise in aircraft parts manufacturing, it is unrealistic for them to target for critical aircraft parts manufacturing at this stage. Critical aircraft parts refer to the parts that the failure of which will jeopardize the immediate flight safety, e.g. structural body parts; engine and propeller systems; main electrical, electronic and







aviation systems; main hydraulic, pneumatic and landing gear systems; etc. Instead, HK manufacturers should start with non-critical parts for aircraft maintenance, modification or even for new aircraft building. Non-critical parts include interior decorative parts, in-cabin entertainment systems, interior lighting, etc., which, though may experience failure, generally do not lead to a catastrophe.

It is obvious that local manufacturers are facing a critical moment. The opportunity is right there. Grasp it? Or just let it go? With the limited resources from the local industry, it seems that they may not be able to grasp this golden opportunity on their own, though they are eager to do so.

As a well-experienced industry support organization, HKPC always takes an active and leading role in supporting the development of HK\*s industries. HKPC has 28 Centres of Excellence and 10 testing laboratories, providing a diversified range of services in manufacturing, information, environment technologies and management systems. HKPC has a strong development capability in manufacturing technology, from product design, manufacturing engineering, product standard and testing to production. Therefore, with the expertise in manufacturing and the successful experience in developing other industries, such as the automotive components manufacturing industry, it is most effective for HKPC to take the lead to consolidate local manufacturers\* effort together with proper support from the Government in order to build up local capabilities and expertise in the aviation parts manufacturing industry.

#### **Development Roadmap**

### Phase 1: Foundation Building

With HKPC\*s strong network in the local manufacturing industry, HKPC helped forward the establishment of the Hong Kong Aviation Industry Association (HKAIA) in 2006 in which local industrialists and practitioners interesting in the aviation industry were grouped together to jointly explore and develop this new business opportunity.

Apart from establishing the HKAIA, some foundation works have been conducted including some preliminary market and feasibility studies on exploring potential new business opportunities; a series of networking and business exploration events (i.e. 4 study missions in Mainland China and 3 in overseas, 3 business matching meetings in Mainland China, HK & overseas); and a series of awareness training on AS9100 – quality management system for aviation industry, FAA part approval process for aviation industry to the USA and HKAR21 training workshop.

### Phase 2: Strategic Development

The supply chain of aircraft parts is either through licensed builders who are approved OEM sub-contractors of airliner manufacturers such as Boeing and Air Bus for new aircraft building and aircraft maintenance, or from manufacturers who produce Parts Manufacturers Approval (PMA) parts by reverse engineering but certified by the relevant civil aviation regulatory agents of the respective countries for the aircraft maintenance aftermarket. The interrelationship of aircraft component manufacturing business is presented in the appendix.

As Hong Kong manufacturers have no track records in aircraft parts manufacturing, it would much more easy and appropriate for them to start with PMA parts and step into the aircraft maintenance aftermarket. To assist HK manufacturers in exploring this new business opportunity, we have adopted three different approaches simultaneously:

- First Step: HK Approach To develop a local supply chain of aviation parts for local demand, e.g. Hong Kong Aircraft Engineering Company (HAECO), China Aircraft Services Ltd (CASL) and Pan Asia Pacific Aviation Services Ltd. (PAPAS, etc.
- Second Step: Mainland Approach To enter into Mainland\*s aftermarket of aviation parts or business-to-business cooperation.
   In this regard, HK Government\*s support in airworthiness certification as well as seeking mutual recognition with the CAAC and FAA is of the most fundamental influence to the growth of this new industry in Hong Kong.
- Third Step: Overseas Approach To partner with overseas in-cabin and non-critical aircraft component manufacturers for OEM markets such as the coming Airbus assembly plant in Tianjin and the Chinese\*s ARJ production plant in Shanghai.

### Support Required from the Hong Kong Government

Supports from HKPC and other existing government industrial support schemes may help in some ways. But full supports from the HKSAR Government, with a focus on the aviation parts manufacturing industry, are in no doubts a panacea for them.







The Government's support in airworthiness certification as well as seeking mutual recognition with FAA is one of the most fundamental influences to the growth of this new industry in Hong Kong. Moreover, resources support from the Government, in terms of different forms of government professional, business and technology development funding, is also a key to the successful development of the industry. With these supports, the industry can perform further exploration of the new business opportunities and conduct feasibility study and investigation. They can upgrade and develop advanced manufacturing technologies for aircraft parts manufacturing. They can also adopt the implement aviation quality management systems and parts approval accreditation in more effective and efficient way.

The estimated funding required from the Government is around HKD50 Million, which can be released through a "Focus Theme on Non-Critical Aircraft Component Systems Development" that covers a wide aspect with several project topics for the development of the aviation parts manufacturing industry.

Tentative development project topics include Aircraft Cabin Seat Assembly; Aircraft Galley & Meal Carts; Aircraft Lavatory System; In-Cabin Service Hallway & Baggage Compartments; In-Cabin Entertainment System; etc. The successful development of each project topic requires an integration of different technical knowledge, such as new product design, metal and plastic processing, new material development, surface decoration, safety testing, parts approval and quality system accreditation. Therefore, each of these project topics may require several to slightly over 10 million development cost.

In support to the industry development, it is also necessary to have projects for market and feasibility study, business and industrial promotion activities, human resources development and training, etc. such that the Hong Kong aviation parts manufacturing industry can have an all-round development.

#### References:

- 1. Boeing Market Outlook 2007
- 2. Article on "英航創意本色" from Hong Kong Economic Times
- 3. Article on "從國泰全購港龍看?地航空業前景" from Hong Kong Economic Times
- 4. Article on "「十一五」規劃綱要 高科工程重大專項" from Hong Kong Economic Times
- 5. Presentation on \*Engineering in Aviation\* by HKIE MEI DAP on 14 April 2005

### **Appendix**

### Interrelationship of Aircraft Component Manufacturing Business









### **Advanced Technology and Services for Aviation Industry**

### 1. Product Design and Development

A. With a strong team of experts in Computer-Aided Design (CAD) and Computer-Aided Engineering (CAE), HKPC offers various solutions for the development of components during the initial development stage so as to enhance the design capability shorten the development time and minimize costly failures.

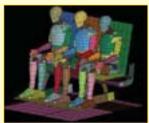




Aircraft landing gear

Aircraft interior cabin modeling

Virtual Product and Performance Testing on Mechanics, Fluid and Thermal Dynamics (ANSYS Structural, ANSYS LD-DYNA and ANSYS CFX)





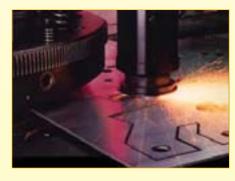
Finite element analysis of aircraft Simulation of aircraft seat belt seating system

### 2. Advanced Metal Processing Technology

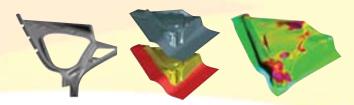
a) With its comprehensive range of machinery and equipment, HKPC provides technology consultancy on advance sheet metal processing including sheet metal forming, deep drawing, hydro forming, etc. Incorporating the advance CAE tools (Pam Stamp), it is possible to predict the forming quality before tool making.



Sheet metal components



Stamping process



Simulation of the Thermal Hydro forming Process





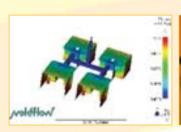


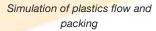
### 3. Advanced Plastic Processing Technology

- A. With supports from the government, trade associations and private sectors, HKPC actively participates in the development of advanced plastic processing technologies. HKPC is experience and well equipped with advanced facilities and CAE technology to provide supports to local manufacturers for technology upgrading.
- Gas-assisted injection moulding
- Microcellular foam injection moulding
- Multi-component injection moulding
- · Co-injection moulding
- In-Mold Labeling



Plastic products manufactured by injection moulding







Gas-assisted injection moulding

### 4. Best Manufacturing and Aviation Quality Management Systems

 i. AS9100 (Quality Systems – Aerospace - Model for Quality Assurance in Design, Development, Production, Installation and Servicing)



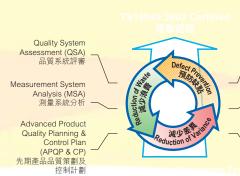


- ii. VDA 6.2: German quality standard that contains the requirements for automotive service providers
- iii. VDA 6.4: German quality standard designed for machine and tool manufacturers that supply production equipment within the automotive industry
- A. General Management Systems
- i. PAS 55 / SA 8000 / ISO 9000/ RoHS & WEEE Management Systems / Kaizen / BPR





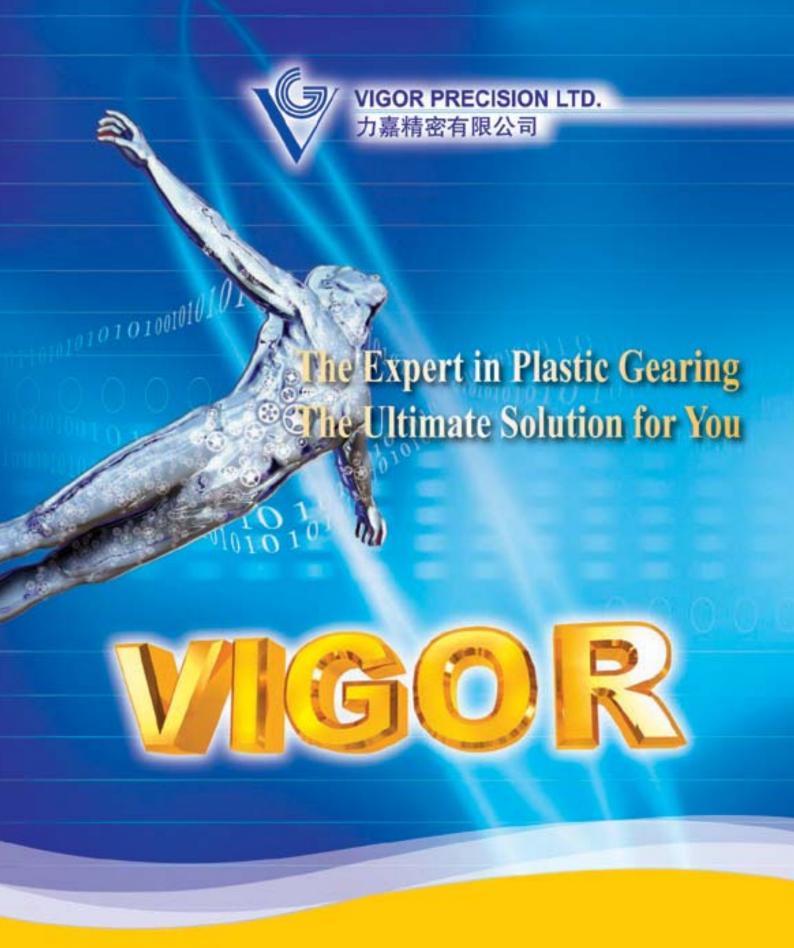




Statistical Process Control (SPC) & Process Capability Studies (Cpk) 統計製程控制及 製程能力分析

Failure Mode and Effect Analysis (FMEA) 潛在失效模式及 效應分析

Product Part Approval Process (PPAP) 生產件批核流程



Flat A1, A4-A8, 8/F., Block A, Texaco Road Industrial Centre, 256-264 Texaco Road, Tsuen Wan, Hong Kong.

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### **Membership Application Form**

Secretariat (Samson Suen/Sonia Chan): c/o MTD, LG2 HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong. 秘書處 (孫先生/陳小姐): 香港九龍達之路78號生產力大樓地庫二樓製造科技部

**Tel 電話**:(852) 2788 5624 **Fax 傳真**:(852) 2788 6169 **E-mail 電子郵件**:sec@hkaia.org.hk

Website 網址: www.hkaia.org.hk

### APPLICATION FORM FOR MEMBERSHIP 入會申請表

(Please complete in BOTH English and Chin	ese) 請以英文及中文填寫					
Company Name in English: 公司名稱 (英文):			Company Name in Chinese : 公司名稱 (中文):			
		Office/Correspondence Address in Chinese: 辦公室或通訊地址 (中文):				
Tel: 電話:		Fax: 傳真:				
Website : 網址:		E-mail: 電子郵遞:				
Name of Representative in English: 代表人英文姓名:		Name of Representative in Chinese : 代表人中文姓名:				
Position Held in English: 職銜 (英文):		Position Held in Chinese : 職銜 (中文) :				
Length of Service : 服務年期:		Date of Establishment of Company: 創業日期:				
Name of Owner/Board of Directors : 東主或主要董事姓名 (英文):			Name of Owner/Board of Directors in Chinese : 東主或主要董事姓名(中文):			
Business Registration No. : 商業登記號碼:		Mached (附上)				
Annual Sales Turnover (HK) : 營業額 (港元):		Total No. Of Employees: 員工總數:				
Recent Photo of Representative : 代表人近照:	Attached (附上)  Send by Email 電郵附上	Company logo: 公司標誌:	<ul><li>☐ Attached (附上)</li><li>☐ Send by Email 電郵附上</li></ul>			
Introduction of the company in English (with 公司英文簡介(1000字以內):	nin 1000 words) :	Introduction of the company in Chinese (wi公司中文簡介(1000字以內):	ithin 1000 words) :			
Type of Ownership : 業務形式:		Major Markets : 主要市場:				
☑ Sole Proprietorship 獨資		Africa 非洲:				
Partnership 合股		Antarctica 大洋洲:				
Limited Company 有限公司		Asia 亞洲:				
Listed Company 上市公司		Oceania 大洋洲:				
		Europe 歐洲:				
		North America 北美洲:				
		South America 南美洲:				
		Worldwide 國際				
			Page 1 of 2			



### **Membership Application Form**

Secretariat (Samson Suen/Sonia Chan): c/o MTD, LG2 HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong. 秘書處 (孫先生/陳小姐): 香港九龍達之路78號生產力大樓地庫二樓製造科技部

Business Nature: (Plea 業務性質 (請選擇最主要	ase choose the major one only) 要的一項):			
Investment a	nd Trading 投資及貿易	Manufacturing 製造		
Accountancy 會計		Aircraft Components 航空零部件		
Financia	l Services 金融服務	Aircraft Devices 航空器具		
Fund Ma	nagement 基金管理	Automotive Parts 汽車零部件		
Investme	ent Services 投資服務	Chemicals 化學產品		
Trading	貿易	Electrical & Electronic Products 電器及電子產品		
Others ‡	其他	Plastic Products 塑膠產品		
		Machinery 機械		
Professional	and Quality System 專業及品質系統	Materials 物料		
Academ	ic Institutes 學術機構	Metal Products 金屬產品		
Consulta	incy Institutes 顧問機構	Mould 模具		
Profession	onal Bodies 專業團體	Others 其他		
Researc	h Institutes 研究機構			
Others ‡	其他	Service and Maintenance 服務及維修		
		Airline Services 航空服務		
		Aviation Support 航空支援		
		Logistic Services 物流服務		
		Maintenance Services 維修服務		
		Others 其他		
Membership Type : 會員類別:	and Taiwan can apply as "China Member" and other overseas registe 「公司會員」只供對航空業有興趣並在本港註冊之公司申請,於中會員」。 Any individual person engaged in or with interest in the aviation indust 任何投身於或對航空業有興趣之人士,均歡迎以個人名義加入。 Any existing Members or any applicants who wish to apply to become a Life Member of its respective category by paying to the A shall be waived. 任何現任會員或欲申請成為公司會員、中國會員、海外會員或個人實費將獲豁免。  Corporate Member公司會員(HK\$2,000./yr-)  China Member中國會員(HK\$2,000./yr-)  Individual Member個人會員(HK\$20,000./yr-)  Life Member永久會員(HK\$20,000./yr-)  We hereby apply for Membership of the Hong Kong Aviation Ind Association. 如蒙接納,本公司願遵守會章本公司茲申請加入香港的  Name and Signature of Applicant/Company Representat申請者/公司負責人姓名及簽署  Please attach a photo representative, a photocopy of Business Registration Certificate	me a Corporate Member, China Member, Overseas Member or Individual Member; may apply to Association ten years membership fees upfront and all subsequent membership fees thereafter 會員之公司或人士,均歡迎申請成為「永久會員」,永久會員需先繳付10年之會費,隨後之會 dustry Association Ltd., and if accepted, agree to abide by the rules and regulations of the 航空業協會。		
	For Inte	rnal Use		
Introduced by : 介紹人:		Payment Cheque No.: 付款支票號碼:		
Approve: 批核:		Membership Expiration Date: 會藉到期日:		

## 德 華 De Hua



### 産品質量. 主導市場

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Chengdu	成都	(028)	8625 9737, 8625 9208	(028)	8625 9208	dehuacd@mail.sc.cninfo.net
Shenyang	沈阳	(024)	3128 0088, 3128 0288, 3128 0788	(024)	3128 0788	dehuasy@188.com
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