

China
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SEQUENCE NR: CSB92525185 USER: [REDACTED] ID: 43070-92APR28/10.52.06/A01

TITLE: QIAN XUESEN
DOC REF: KEJI RIBAO (SCIENCE AND TECHNOLOGY DAILY) (BEIJING)
(KERIE), 911026, NR 1026, 1
INF CTY: PEOPLES REPUBLIC OF CHINA (CH)
INF DATE: 911026
COSATI: BEHAVIORAL AND SOCIAL SCIENCES (05); GUIDED MISSILE
TECHNOLOGY (16)
CLASSIF: UNCLASSIFIED
RELEASE: NONE (XX)

TEXT: EXTRACT. DOCUMENT CONTAINS 1 PHOTO.

QIAN XUELIN WAS BORN IN SHANGHAI ON 11 DECEMBER, 1911.

DURING SUMMER VACATION OF 1934, QIAN XUELIN HAD GRADUATED FROM SHANGHAI'S JIAODA UNIVERSITY WITH A DEGREE IN RAILWAY MECHANICAL ENGINEERING FROM THE DEPARTMENT OF ENGINEERING, BUT HE HAD NOT YET BEGUN A JOB. HE TESTED FOR AND WON A QINGHUA UNIVERSITY PUBLIC SCHOLARSHIP TO STUDY ABROAD IN AIRCRAFT DESIGN. HIS TWO TUTORS WERE WANG ZHU AND WANG SHIZHUO. WANG ZHU WAS ONE OF CHINA'S FIRST AERONAUTICAL ENGINEERING. HE DESIGNED AND BUILT CHINA'S FIRST GENERATION OF AIRCRAFT. HE TAUGHT QIAN XUELIN TO PAY A GREAT DEAL OF ATTENTION TO ENGINEERING TECHNOLOGY EXPERIENCE AND THE PROBLEMS OF MANUFACTURING.

IN OCTOBER OF 1936, QIAN XUELIN TRANSFERRED TO CALIFORNIA INSTITUTE OF TECHNOLOGY. AT FIRST, HE WAS A STUDENT OF VON KARMAN'S, AND LATER THE TWO WORKED CLOSELY TOGETHER. WHEN VON KARMAN FIRST SAW QIAN XUELIN, WHAT HE SAW WAS A SHORT SERIOUS YOUNG MAN WHO ACCURATELY ANSWERED ALL THE QUESTIONS ASKED BY THE PROFESSOR. HIS QUICKNESS OF MIND AND ABUNDANT INTELLIGENCE EVENTUALLY MADE A DEEP IMPRESSION ON VON KARMAN. PROFESSOR VON KARMAN PRACTICAL EXPERIENCE IN ENGINEERING TO EXTRACT THE PRINCIPLES OF THEORETICAL RESEARCH TARGETS. HE ALSO TAUGHT HIM HOW TO APPLY THEORY IN PRACTICAL ENGINEERING PRACTICE.

PFN INFORMATION: PART 001

RELATES: XUESEN QIAN IS A MEMBER OF SHANGHAI JIAOTONG UNIV.

PERSON: QIAN, XUESEN
PERS CTY: PEOPLES REPUBLIC OF CHINA (CH)
PERSDATA: BIOGRAPHIC DATA, PHOTO

FACILITY: SHANGHAI JIAOTONG UNIV
SUBORD: DEPARTMENT OF MECHANICAL ENGINEERING
FACL CTY: PEOPLES REPUBLIC OF CHINA (CH)

